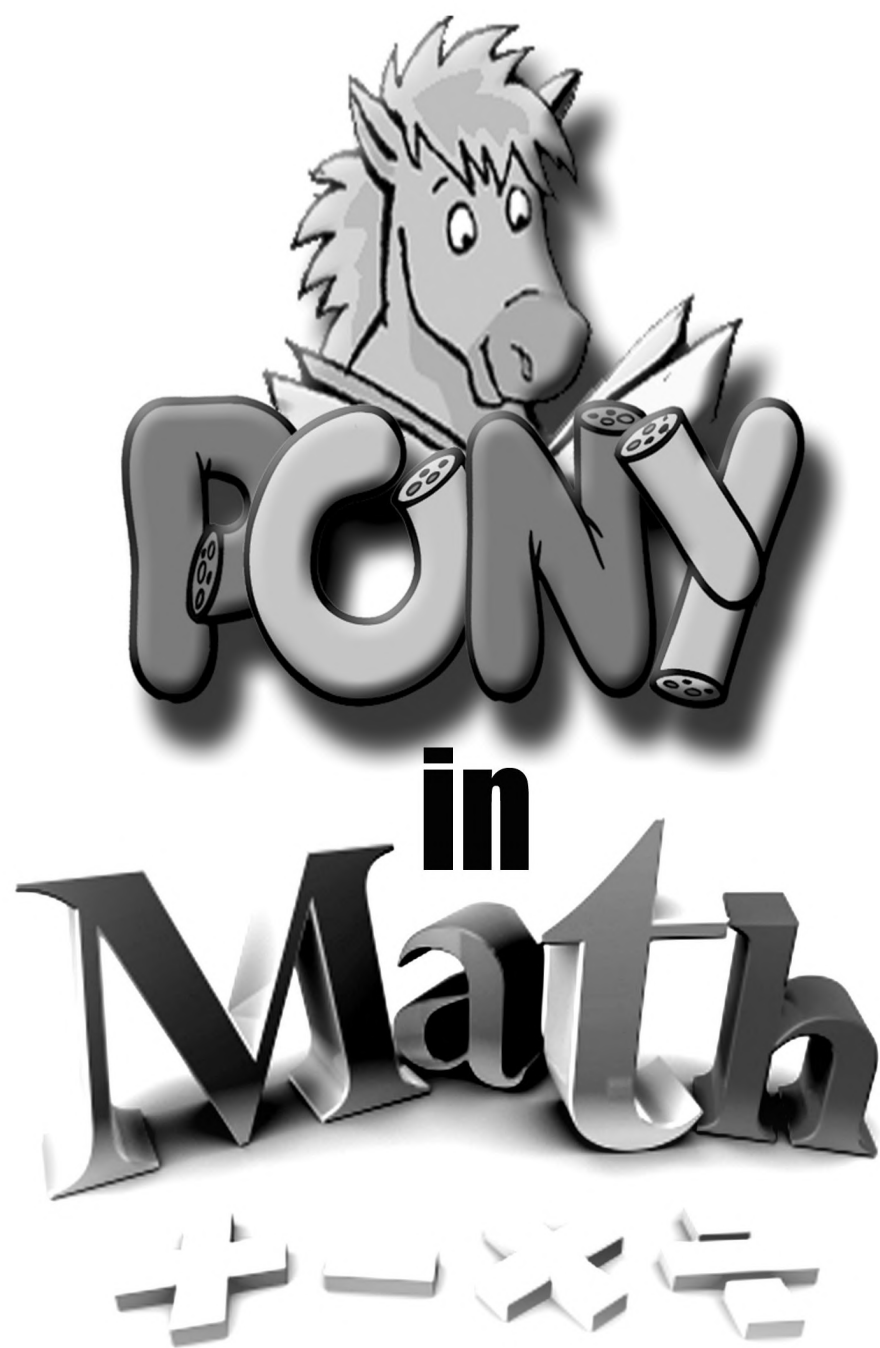




Primary
Exercises **2** 2016

SECOND TERM



Multiplication

Using the Multiplication sign (X) Characteristics of the Multiplication Process

Complete:

$$7 + 7 + 7 + 7 = \dots \times \dots = \dots$$

$$4 + 4 + 4 + 4 + 4 + 4 + 4 = \dots \times \dots = \dots$$

$$\dots \times \dots = \dots \times \dots$$

$$8 + 8 + 8 + 8 = \dots \times \dots = \dots$$

$$4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 = \dots \times \dots = \dots$$

$$\dots \times \dots = \dots \times \dots$$

$$4 + 4 + 4 = \dots \times \dots = \dots$$

$$3 + 3 + 3 + 3 = \dots \times \dots = \dots$$

$$\dots \times \dots = \dots \times \dots$$

$$3 + 3 + 3 + 3 + 3 = \dots \times \dots$$

$$5 + 5 + 5 = \dots \times \dots$$

$$\dots \times \dots = \dots \times \dots$$

$$5 + 5 + 5 + 5 = \dots \times \dots = \dots$$

$$4 + 4 + 4 + 4 + 4 = \dots \times \dots = \dots$$

$$\dots \times \dots = \dots \times \dots$$

$$5 + 5 + 5 + 5 + 5 + 5 = \dots \times \dots = \dots$$

$$6 + 6 + 6 + 6 + 6 = \dots \times \dots = \dots$$

$$\dots \times \dots = \dots \times \dots$$

$$4 + 4 + 4 = \dots \times \dots = \dots \times \dots$$



Complete :

$$8 + 8 + 8 = \dots \times \dots = \dots \times \dots$$

$$3 + 3 + 3 + 3 + 3 + 3 = \dots \times \dots = \dots \times \dots$$

$$5 + 5 + 5 + 5 = \dots \times \dots = \dots \times \dots$$

$$7 + 7 + 7 + 7 + 7 + 7 = \dots \times \dots = \dots \times \dots$$

$$9 + 9 + 9 = \dots \times \dots = \dots \times \dots$$

$$9 + 9 + 9 + 9 + 9 + 9 = \dots \times \dots = \dots \times \dots$$

$$2 + 2 + 2 + 2 + 2 + 2 + 2 = \dots \times \dots = \dots \times \dots$$

$$3 + 3 + 3 + 3 = \dots \times \dots = \dots \times \dots$$

$$6 + 6 + 6 + 6 + 6 + 6 + 6 = \dots \times \dots = \dots \times \dots$$

$$7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 = \dots \times \dots = \dots \times \dots$$

$$1 + 1 + 1 + 1 + 1 + 1 + 1 = \dots \times \dots = \dots \times \dots$$

$$4 \times 6 = \dots + \dots + \dots + \dots$$

$$4 \times 6 = \dots + \dots + \dots + \dots + \dots + \dots$$

$$2 \times 7 = \dots +$$

$$2 \times 7 = \dots + \dots + \dots + \dots + \dots + \dots + \dots$$

$$3 \times 8 = \dots + \dots + \dots$$

$$3 \times 8 = \dots + \dots + \dots + \dots + \dots + \dots + \dots + \dots$$

$$3 \times 7 = \dots + \dots + \dots + \dots + \dots + \dots + \dots$$

$$3 \times 7 = \dots + \dots + \dots$$

$$5 \times 6 = \dots + \dots + \dots + \dots + \dots + \dots$$



$$5 \times 6 = \dots + \dots + \dots + \dots + \dots$$

$$3 \times 4 = \dots + \dots + \dots + \dots$$

$$3 \times 4 = \dots + \dots + \dots$$

$$5 \times 9 = \dots \times 5 = \dots + \dots + \dots + \dots + \dots$$

$$3 \times 2 = \dots \times 3 = \dots + \dots$$

$$4 \times 5 = \dots \times 4 = \dots + \dots + \dots + \dots + \dots$$

$$4 \times 7 = \dots \times 4 = \dots + \dots + \dots + \dots$$

$$6 \times 2 = \dots \times 6 = \dots + \dots$$

$$8 \times 4 = \dots \times 8 = \dots + \dots + \dots + \dots$$

Complete :

$$5 \times 0 = \dots$$

$$8 \times 0 = \dots$$

$$6 \times 0 = \dots$$

$$0 \times 8 = \dots$$

$$0 \times 7 = \dots$$

$$0 \times 9 = \dots$$

$$4 \times 0 = \dots$$

$$0 \times 3 = \dots$$

$$1 \times 1 = \dots$$

$$4 \times 1 = \dots$$

$$9 \times 1 = \dots$$

$$1 \times 8 = \dots$$

$$1 \times 5 = \dots$$

$$6 \times 1 = \dots$$

$$2 \times 1 = \dots$$

$$1 \times 3 = \dots$$

$$3 \times 5 = 5 \times \dots$$

$$7 \times 4 = 4 \times \dots$$

$$4 \times 8 = \dots \times 8$$

$$3 \times 9 = \dots \times 3$$

$$5 \times 2 = \dots \times 5$$

$$7 \times 8 = \dots \times 7$$

$$8 \times \dots = 3 \times 8$$

$$5 \times \dots = 4 \times 5$$

$$\dots \times 9 = 9 \times 7$$

$$\dots \times 6 = 6 \times 2$$

$$\dots \times 3 = 3 \times 5$$

$$\dots \times 4 = 7 \times 4$$

The Multiplication Tables (2)

Write : (table 2)

..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =

Complete:

2 X 0 =	2 X 2 =	2 X = 0	2 X = 2
2 X 1 =	2 X 6 =	2 X = 2	2 X = 10
2 X 2 =	2 X 9 =	2 X = 4	2 X = 16
2 X 3 =	2 X 10 =	2 X = 6	2 X = 4
2 X 4 =	2 X 3 =	2 X = 8	2 X = 12
2 X 5 =	2 X 7 =	2 X = 10	2 X = 8
2 X 6 =	2 X 0 =	2 X = 12	2 X = 18
2 X 7 =	2 X 5 =	2 X = 14	2 X = 0
2 X 8 =	2 X 4 =	2 X = 16	2 X = 20
2 X 9 =	2 X 8 =	2 X = 18	2 X = 14
2 X 10 =	2 X 1 =	2 X = 20	2 X = 6

2 + 2 = 2 X ... = ...

2 + 2 + 2 + 2 = 2 X ... = ...

2 + 2 + 2 + 2 + 2 = 2 X ... = ...

2 + 2 + 2 + 2 + 2 + 2 = 2 X ... = ...

2 X 5 = 5 X ... = ...

2 X 7 = 7 X ... = ...

2 X 3 = 3 X ... = ...

2 X 8 = 8 X ... = ...

2 X 4 = 4 X ... = ...

2 X 8 = 8 X ... = ...

2 X 6 = 6 X ... = ...

2 X 7 = 7 X ... = ...

0	1	2	3	4	5	6	7
X 2	X 2	X 2	X 2	X 2	X 2	X 2	X 2
.....							
8	9	2	2	2	2	2	2
X 2	X 2	X 9	X 8	X 7	X 6	X 5	X 4
.....							
2	2	10	10	.....	.....	3	8
X 3	X 2	X 2	X 2	X 2	X 2	X.....	X.....
.....	.....	.....	.....	10	12	6	16
.....	5	2	.....	2	2	.....	.....
X 2	X.....	X.....	X 2	X.....	X.....	X 2	X 3
4	10	12	16	14	20	10	6
.....	9	2	.....	3	4	.....	.....
X 2	X.....	X.....	X 2	X.....	X.....	X 2	X 2
6	18	16	18	6	8	20	2

Put ((< , = or >))

2 X 4		2 X 6	8 X 4		4 X 8
4 X 2		2 X 4	2 X 3		4 X 2
8 + 8		6 X	7 X 2		2 X 5
8 + 8 + 8		3 X 8	2 + 2 + 2 + 2		2 X 5
2 + 5		5 X 2	3 X 5		5 X 3
6 X 2		2 X 7	7 X 2		2 + 7

Complete :

X 2	6		7		9	2		4		10
		2		10			6		16	

X 2	0	2			8		1	3			9
			8	12		20			10	14	

Complete in the same pattern :

0 , 2 , 4 , 6 , 8 , , , , , ,



A box of speared cheese has 2 triangles .
What is the of triangles in 6 boxes ?

The number of pieces in 6 boxes =

Ramy bought 8 books for LE 2 each. What is the price of them?

The price of books =

A box of speared cheese has 8 triangles .
What is the of triangles in 2 boxes ?

The number of pieces in 2 boxes =

One plate has 2 oranges . Complete....

4 plates have oranges

6 plates have oranges

Each car has 4 wheels . How many wheels are there in 2 cars

Number of wheels =

Each Chair has 4 legs . How many wheels are there in 2 chairs ?

Number of legs in 8 chairs =

One hand has 5 fingers .How many fingers are there in 2 hands?

Number of fingers =

Hany bought 2 books for LE 6 each. What is the price of them?

The price of books =

Mona saves LE 2 from her pocket-money everyday .

How much money can she save in a week (7 days) ?

She can save =

The Multiplication Tables (3)

Write : (table 3)

..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =

Complete:

3 x = 0	3 x = 27	3 x 0 =	3 x 2 =
3 x = 3	3 x = 18	3 x 1 =	3 x 6 =
3 x = 6	3 x = 9	3 x 2 =	3 x 9 =
3 x = 9	3 x = 3	3 x 3 =	3 x 10 =
3 x = 12	3 x = 24	3 x 4 =	3 x 3 =
3 x = 15	3 x = 12	3 x 5 =	3 x 7 =
3 x = 18	3 x = 30	3 x 6 =	3 x 0 =
3 x = 21	3 x = 21	3 x 7 =	3 x 5 =
3 x = 24	3 x = 0	3 x 8 =	3 x 4 =
3 x = 27	3 x = 15	3 x 9 =	3 x 8 =
3 x = 30	3 x = 6	3 x 10 =	3 x 1 =

2 + 2 = 2 X ... = ...

3 + 3 + 3 + 3 = 3 X ... = ...

2 + 2 + 2 + 2 + 2 = 2 X ... = ...

3 + 3 + 3 + 3 + 3 + 3 = 2 X ... = ...

2 X 5 = 5 X ... = ...

2 X 7 = 7 X ... = ...

2 X 3 = 3 X ... = ...

2 X 8 = 8 X ... = ...

3 X 4 = 4 X ... = ...

3 X 8 = 8 X ... = ...

3 X 6 = 6 X ... = ...

3 X 7 = 7 X ... = ...

0

X 2

.....

1

X 3

.....

1

X 2

.....

2

X 3

.....

2

X 2

.....

3

X 3

.....

4

X 2

.....

4

X 3

.....

5

X 2

.....

5

X 3

.....

6

X 2

.....

6

X 3

.....

7

X 2

.....

7

X 3

.....

8

X 2

.....

8

X 3

.....

9

X 2

.....

9

X 3

.....

10

X 2

.....

10

X 3

.....

.....

X 2

10

.....

X 3

15

3

X.....

6

8

X.....

24

.....

X 2

4

5

X.....

15

2

X.....

12

.....

X 2

16

2

X.....

14

7

X.....

21

.....

X 2

10

.....

X 3

9

.....

X 2

6

9

X.....

18

9

X.....

27

.....

X 2

18

3

X.....

24

4

X.....

8

.....

X 2

20

.....

X 3

3

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10

Put ((< , = or >))

3 X 4		2 X 6	2 + 2 + 2 + 2		3 X 4
4 + 4 + 4		2 X 4	3 X 2		2 + 2
8 X 3		2 X 8	7 X 3		7 + 7
4 X 3		2 X 7	7 X 2		7 + 7
3 X 9		3 + 9	3 X 10		9 X 3
3 X 5		3 + 5	3 X 5		5 X 3

Complete :

X 3

6		7		9	2		4		10
	3		15			9		24	

X 3

0		8	10		6		7		3
	12			6		27		15	

Complete in the same pattern :

0 , 2 , 4 , 6 , 8 , , , , , ,

0 , 3 , 6 , 9 , 12 , , , , , ,

=

Each chair has 4 legs. How many legs are there in 3 chairs .

The number of legs =

A box of speared cheese has 8 triangles .

What is the of triangles in 3 boxes ?

The number of pieces in 3 boxes =

One plate has 3 oranges . Complete....

4 plates have oranges

6 plates have oranges

Each car has 4 wheels . How many wheels are there in 3 cars

Number of wheels =

Mona saves LE 3 from her pocket-money everyday .

How much money can she save in a week (7 days) ?

She can save =

Salma bought 5 toys for LE 3 each and 2 T-shirts for LE 9 each.

How much money did she pay ?

The price of toys =

The price of T-shirts =

She paid =

Marwa bought 6 pens for LE 2 each. and 4 books for LE 3 each.

How much money did she pay?

The price of pens =

The price of books =

She paid =

The Multiplication Tables (4)

Write : (table 4)

..... X	=	 X	=	 X	=	 X	=
..... X	=	 X	=	 X	=	 X	=
..... X	=	 X	=	 X	=	 X	=
..... X	=	 X	=	 X	=	 X	=
..... X	=	 X	=	 X	=	 X	=
..... X	=	 X	=	 X	=	 X	=
..... X	=	 X	=	 X	=	 X	=
..... X	=	 X	=	 X	=	 X	=
..... X	=	 X	=	 X	=	 X	=
..... X	=	 X	=	 X	=	 X	=
..... X	=	 X	=	 X	=	 X	=

Complete:

4 X 0 =	4 X 2 =	4 X = 0	4 X = 16
4 X 1 =	4 X 6 =	4 X = 4	4 X = 0
4 X 2 =	4 X 9 =	4 X = 8	4 X = 32
4 X 3 =	4 X 10 =	4 X = 12	4 X = 4
4 X 4 =	4 X 3 =	4 X = 16	4 X = 20
4 X 5 =	4 X 7 =	4 X = 20	4 X = 36
4 X 6 =	4 X 0 =	4 X = 24	4 X = 8
4 X 7 =	4 X 5 =	4 X = 28	4 X = 40
4 X 8 =	4 X 4 =	4 X = 32	4 X = 24
4 X 9 =	4 X 8 =	4 X = 36	4 X = 12
4 X 10 =	4 X 1 =	4 X = 40	4 X = 28



Complete :

$$2 \times 6 = 3 \times \dots = \dots$$

$$2 \times 8 = 4 \times \dots = \dots$$

$$2 \times 9 = 3 \times \dots = \dots$$

$$2 \times 10 = 4 \times \dots = \dots$$

$$3 \times 8 = 4 \times \dots = \dots$$

$$2 \times 2 = 4 \times \dots = \dots$$

$$4 \times 1 = 2 \times \dots = \dots$$

$$4 \times 4 = 2 \times \dots = \dots$$

0	9	2	7	4	5	6	3
$\times 4$	$\times 4$	$\times 4$	$\times 4$	$\times 4$	$\times 4$	$\times 4$	$\times 4$
.....							

8	1	10	4	4	4	4	8
$\times 4$	$\times 4$	$\times 4$	$\times 0$	$\times 2$	$\times 4$	$\times 6$	$\times 8$
.....							

.....	9	8	.....	3	4	.....	.....
$\times 4$	$\times \dots$	$\times \dots$	$\times 5$	$\times \dots$	$\times \dots$	$\times 4$	$\times 4$
16	36	32	20	12	16	20	28

Put ((< , = or >))

$$3 \times 4 \square 2 \times 6$$

$$8 \times 4 \square 4 \times 8$$

$$4 \times 4 \square 2 \times 8$$

$$10 \times 3 \square 4 \times 9$$

$$3 \times 8 \square 6 \times 4$$

$$7 \times 3 \square 4 \times 5$$

$$7 \times 4 \square 3 \times 9$$

$$2 \times 9 \square 3 \times 7$$

$$2 + 5 \square 3 \times 3$$

$$3 \times 5 \square 7 \times 2$$

$$6 \times 4 \square 3 \times 7$$

$$7 \times 4 \square 4 + 7$$

Complete :

6

7

9

2

4

10

X 4

4

20

12

32

6

8

1

3

7

9

X 4

8

40

20

16

Complete in the same pattern :

- 0 , 2 , 4 , 6 , 8 , , , , , ,

0 , 3 , 6 , 9 , 12 , , , , , ,

0 , 4 , 8 , 12 , 16 , , , , , ,

Match :

- 2 X 2

2 X 3

2 X 4

2 X 6

2 X 8

2 X 10

- 4 + 4

4 X 1

1 X 6

4 X 4

5 X 4

3 X 4

Match :

- 0 X 2

4 X 1

2 X 6

3 X 6

3 X 8

2 X 10

- 2 X 2

0 X 4

2 X 9

3 X 4

4 X 5

4 X 6

Each chair has 4 legs. How many legs are there in 8 chairs .

The number of legs =

A box of speared cheese has 4 triangles .

What is the of triangles in 3 boxes ?

The number of pieces in 3 boxes =

One plate has 3 oranges . Complete....

8 plates have oranges

3 plates have oranges

4 plates have oranges

Marwa had LE 60 . She bought 8 toys for LE 4 .

Find the remaining money with her .

The price of toys =

The remaining money =

Samar had LE 85. She bought 8 pens for LE 4 each .

Find the remaining money with her .

The price of pens =

The remainig money =

Salma bought 5 toys for LE 3 each and 2 T-shirts for LE 9 each.

How much money did she pay ?

The price of toys =

The price of T-shirts =

She paid =

The Multiplication Tables (5)

Write : (table 5)

..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =
..... X =	 X =	 X =	 X =

Complete:

5 x = 0	5 x = 15	5 x 0 =	5 x 2 =
5 x = 5	5 x = 45	5 x 1 =	5 x 6 =
5 x = 10	5 x = 20	5 x 2 =	5 x 9 =
5 x = 15	5 x = 10	5 x 3 =	5 x 10 =
5 x = 20	5 x = 40	5 x 4 =	5 x 3 =
5 x = 25	5 x = 25	5 x 5 =	5 x 7 =
5 x = 30	5 x = 5	5 x 6 =	5 x 0 =
5 x = 35	5 x = 50	5 x 7 =	5 x 5 =
5 x = 40	5 x = 30	5 x 8 =	5 x 4 =
5 x = 45	5 x = 0	5 x 9 =	5 x 8 =
5 x = 50	5 x = 35	5 x 10 =	5 x 1 =



Complete :

$$2 \times 6 = 3 \times \dots = \dots$$

$$2 \times 9 = 3 \times \dots = \dots$$

$$3 \times 8 = 4 \times \dots = \dots$$

$$4 \times 1 = 2 \times \dots = \dots$$

$$2 \times 8 = 4 \times \dots = \dots$$

$$2 \times 10 = 4 \times \dots = \dots$$

$$3 \times 10 = 5 \times \dots = \dots$$

$$4 \times 10 = 5 \times \dots = \dots$$

0	1	9	2	2	3	4	9
$\times 4$	$\times 5$	$\times 4$	$\times 5$	$\times 4$	$\times 5$	$\times 4$	$\times 5$
-----	-----	-----	-----	-----	-----	-----	-----

5	5	6	6	7	7	8	8
$\times 4$	$\times 5$	$\times 4$	$\times 5$	$\times 4$	$\times 5$	$\times 4$	$\times 5$
-----	-----	-----	-----	-----	-----	-----	-----

.....	9	9	.....	3	4	.....	.....
$\times 4$	$\times \dots$	$\times \dots$	$\times 5$	$\times \dots$	$\times \dots$	$\times 4$	$\times 5$
-----	-----	-----	-----	-----	-----	-----	-----
16	36	45	40	12	16	20	30

Put ((< , = or >))

$$3 \times 4 \square 2 \times 6$$

$$4 \times 4 \square 2 \times 8$$

$$3 \times 8 \square 5 \times 5$$

$$7 \times 4 \square 5 \times 6$$

$$2 \times 5 \square 3 \times 3$$

$$6 \times 4 \square 5 \times 5$$

$$5 \times 6 \square 4 \times 8$$

$$6 \times 6 \square 4 \times 9$$

$$7 \times 3 \square 4 \times 5$$

$$2 \times 9 \square 3 \times 7$$

$$3 \times 5 \square 7 \times 2$$

$$7 \times 5 \square 5 \times 7$$

Complete :

X 5

	8	6		2	1		5		9
50			20			15		35	

X 5

	3		5		9	10		2	
5		20		35		40		30	

Complete in the same pattern :

- 0 , 2 , 4 , 6 , 8 , , , , , ,
- 0 , 3 , 6 , 9 , 12 , , , , , ,
- 0 , 4 , 8 , 12 , 16 , , , , , ,
- 0 , 5 , 10 , 15 , 20 , , , , , ,

Match :

0 × 5

2 × 5

4 × 5

6 × 5

8 × 5

4 × 4

2 × 10

9 × 0

5 × 2

2 × 8

3 × 10

4 × 10



A box of speared cheese has 8 triangles .
What is the of triangles in 5 boxes ?

The number of pieces in 5 boxes =

Ramy bought 8 books for LE 5 each. What is the price of them?

The price of books =

A box of speared cheese has 8 triangles .
What is the of triangles in 5 boxes ?

The number of pieces in 5 boxes =

One plat has 5 oranges . Complete....

4 plats have oranges

6 plats have oranges

Each car has 4 wheels . How many wheels are there in 5 cars

Number of wheels =

Each Chair has 4 legs . How many wheels are there in 8 chairs ?

Number of legs in 8 chairs =

One hand has 5 fingers .How many fingers are there in 6 hands?

Number of fingers =

Hany bought 7 books for LE 5 each. What is the price of them?

The price of books =

Mona saves LE 5 from her pocket-money everyday .

How much money can she save in a week (7 days) ?

She can save =



Mona had LE 60 . She bought 9 books for LE 6 each .
How much money is left wit her ?

The price of books =

The money left =

Ahmed had LE 54. He bought 7 pens for LE 4 each .

Find the remaining money with him.

The price of pens =

The remaining money =

Mona bought 7 books for LE 9 each and 9 pens for LE 3 each
How much money did she pay ?

The price of books =

The price of pens =

She paid =

Ibrahim bought 5 kg of apples fore LE 9 each and 5kg of
oranges for LE 8 each . how much money did he pay ?

The price of apples =

The price of oranges =

He paid =

Rana had LE 124 .She bought 9 books for LE 5 each and
8 Pens for LE 8 each . How much money is remaining with her ?

The price of books =

The price of pens =

She paid =

The remainder =

Ahmed had LE 150 . He bought 8 toys for LE 5 each and
9 notebooks for LE 4 each , Find the remaining money with him.

The price of toys =

The price of notebooks =

He paid =

The remainder =

General Exercises on the Multiplication table

Complete :

$$8 \times 6 = (8 \times \dots) + (8 \times 2) = \dots + \dots = \dots$$

$$7 \times 5 = (7 \times \dots) + (7 \times 3) = \dots + \dots = \dots$$

$$9 \times 9 = (9 \times \dots) + (9 \times 6) = \dots + \dots = \dots$$

$$8 \times 5 = (8 \times \dots) + (8 \times 2) = \dots + \dots = \dots$$

$$7 \times 7 = (7 \times 3) + (7 \times \dots) = \dots + \dots = \dots$$

$$5 \times 5 = (5 \times 2) + (5 \times \dots) = \dots + \dots = \dots$$

$$6 \times 10 = (6 \times 5) + (6 \times \dots) = \dots + \dots = \dots$$

$$5 \times 12 = (5 \times 10) + (5 \times \dots) = \dots + \dots = \dots$$

$$5 \times 9 = (5 \times 10) - (5 \times \dots) = \dots - \dots = \dots$$

$$4 \times 8 = (4 \times 10) - (4 \times \dots) = \dots - \dots = \dots$$

$$3 \times 6 = (3 \times 9) - (3 \times \dots) = \dots - \dots = \dots$$

$$4 \times 5 = (4 \times 9) - (4 \times \dots) = \dots - \dots = \dots$$

$$5 \times 5 = (5 \times \dots) - (5 \times 3) = \dots - \dots = \dots$$

$$7 \times 3 = (7 \times \dots) - (7 \times 2) = \dots - \dots = \dots$$

$$5 \times 6 = (5 \times \dots) - (5 \times 4) = \dots - \dots = \dots$$

$$6 \times 4 = (6 \times \dots) - (6 \times 1) = \dots - \dots = \dots$$

Complete :

$$\dots \times \dots = (3 \times 5) + (3 \times 4) = \dots + \dots = \dots$$

$$\dots \times \dots = (5 \times 6) + (5 \times 4) = \dots + \dots = \dots$$

$$\dots \times \dots = (6 \times 3) + (6 \times 5) = \dots + \dots = \dots$$

$$\dots \times \dots = (5 \times 7) + (5 \times 3) = \dots + \dots = \dots$$

$$5 \times \dots = (\dots \times 4) + (\dots \times 3) = \dots + \dots = \dots$$

$$4 \times \dots = (\dots \times 3) + (\dots \times 10) = \dots + \dots = \dots$$

$$6 \times 10 = (6 \times \dots) + (6 \times \dots) = 30 + 30 = \dots$$

$$7 \times 8 = (7 \times \dots) + (7 \times \dots) = 35 + 21 = \dots$$

$$\dots \times \dots = (6 \times 4) + (6 \times \dots) = \dots + 18 = \dots$$

$$\dots \times \dots = (5 \times 10) + (5 \times \dots) = 50 + 20 = \dots$$

$$7 \times 6 = (7 \times 5) + \dots = \dots + \dots = \dots$$

$$8 \times 6 = (8 \times 4) + \dots = \dots + \dots = \dots$$

$$5 \times 11 = (5 \times 10) + \dots = \dots + \dots = \dots$$

$$6 \times 5 = (6 \times 4) + \dots = \dots + \dots = \dots$$

$$5 \times 9 = (5 \times 10) - \dots = \dots - \dots = \dots$$

$$7 \times 4 = (7 \times 5) - \dots = \dots - \dots = \dots$$



Complete

2	X	.....	=	4
2	X	.....	=	6
2	X	.....	=	8
3	X	.....	=	9
2	X	.....	=	10
3	X	.....	=	12
2	X	.....	=	12
2	X	.....	=	14
3	X	.....	=	15
2	X	.....	=	16
4	X	.....	=	16
2	X	.....	=	18
3	X	.....	=	18
4	X	.....	=	20
2	X	.....	=	20
3	X	.....	=	21
3	X	.....	=	24

3	X	.....	=	24
5	X	.....	=	25
3	X	.....	=	27
4	X	.....	=	28
5	X	.....	=	30
3	X	.....	=	30
4	X	.....	=	32
5	X	.....	=	35
6	X	.....	=	36
4	X	.....	=	36
5	X	.....	=	40
4	X	.....	=	40
6	X	.....	=	42
5	X	.....	=	45
6	X	.....	=	48
5	X	.....	=	50

Complete :

2	X	6	=	3	X	...	=	...
2	X	9	=	3	X	...	=	...
3	X	8	=	4	X	...	=	...
4	X	1	=	2	X	...	=	...
2	X	3	=	6	X	...	=	...

2	X	8	=	4	X	...	=	...
2	X	10	=	4	X	...	=	...
3	X	10	=	5	X	...	=	...
4	X	10	=	5	X	...	=	...
5	X	6	=	3	X	...	=	...



$\begin{array}{r} 2 \\ \times 2 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 5 \\ \hline \end{array}$
$\begin{array}{r} 2 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$

Put ((< , = or >))

3 X 4	2 X 6	5 X 6	4 X 8
4 X 4	2 X 8	5 X 7	4 X 9
3 X 8	5 X 5	7 X 3	4 X 5
7 X 4	5 X 6	2 X 9	3 X 7
2 X 5	3 X 3	3 X 5	7 X 2
6 X 4	5 X 5	7 X 5	5 X 7
5 X 8	4 X 10	9 X 5	4 X 9
4 X 9	6 X 5	2 X 9	3 X 6

A box of speared cheese has 8 triangles .What is the of triangles in 4 boxes ?
The number of pieces in 4 boxes =.....

Ramy bought 5 books for LE 4 each. What is the price of them?
The price of books =



One plat has 5 oranges . Complete....

4 plats have= oranges

6 plats have= oranges

8 plats have= oranges

Each car has 4 wheels . How many wheels are there in 5 cars

Number of wheels =

Each Chair has 4 legs .How many wheels are there in 8 chairs ?

Number of legs in 5 chairs =

One hand has 5 fingers.How many fingers are there in 7 hands?

Number of fingers =

Ibrahim bought 5 kg of apples fore LE 9 each and 5kg of oranges for LE 8 each . how much money did he pay ?

The price of apples =

The price of oranges =

He paid =

Rana had LE 124 .She bought 9 books for LE 5 each and 8 Pens for LE 8 each . How much money is remaining with her ?

The price of books =.....

The price of pens =.....

She paid =

The remainder =

Division (1)

Complete

If $5 \times 9 = \dots\dots\dots$ then

$$45 \div 5 = \dots\dots\dots$$

$$45 \div 9 = \dots\dots\dots$$

$$\begin{array}{r} \text{.....} \\ 9 \overline{) 45} \end{array}$$

$$\begin{array}{r} \text{.....} \\ 5 \overline{) 45} \end{array}$$

$$\frac{45}{9} = \dots\dots\dots$$

$$\frac{45}{5} = \dots\dots\dots$$

If $4 \times 9 = \dots\dots\dots$ then

$$36 \div 9 = \dots\dots\dots$$

$$36 \div 4 = \dots\dots\dots$$

$$\begin{array}{r} \text{.....} \\ 9 \overline{) 36} \end{array}$$

$$\begin{array}{r} \text{.....} \\ 4 \overline{) 36} \end{array}$$

$$\frac{36}{9} = \dots\dots\dots$$

$$\frac{36}{4} = \dots\dots\dots$$

If $3 \times 8 = \dots\dots\dots$ then

$$24 \div 3 = \dots\dots\dots$$

$$24 \div 8 = \dots\dots\dots$$

$$\begin{array}{r} \text{.....} \\ 8 \overline{) 24} \end{array}$$

$$\begin{array}{r} \text{.....} \\ 3 \overline{) 24} \end{array}$$

$$\frac{24}{3} = \dots\dots\dots$$

$$\frac{24}{8} = \dots\dots\dots$$

If $7 \times 2 = \dots\dots\dots$ then

$$14 \div 7 = \dots\dots\dots$$

$$14 \div 2 = \dots\dots\dots$$

$$\begin{array}{r} \text{.....} \\ 7 \overline{) 14} \end{array}$$

$$\begin{array}{r} \text{.....} \\ 2 \overline{) 14} \end{array}$$

$$\frac{14}{7} = \dots\dots\dots$$

$$\frac{14}{2} = \dots\dots\dots$$



Find:

$40 \div 5 = \dots\dots\dots$

$36 \div 4 = \dots\dots\dots$

$25 \div 5 = \dots\dots\dots$

$32 \div 4 = \dots\dots\dots$

$28 \div 7 = \dots\dots\dots$

$16 \div 8 = \dots\dots\dots$

$8 \div 2 = \dots\dots\dots$

$8 \div 4 = \dots\dots\dots$

$9 \div 3 = \dots\dots\dots$

$16 \div 4 = \dots\dots\dots$

$15 \div 3 = \dots\dots\dots$

$15 \div 5 = \dots\dots\dots$

$12 \div 3 = \dots\dots\dots$

$12 \div 4 = \dots\dots\dots$

$18 \div 9 = \dots\dots\dots$

$18 \div 3 = \dots\dots\dots$

$18 \div 6 = \dots\dots\dots$

$18 \div 2 = \dots\dots\dots$

$$\begin{array}{r} \dots\dots\dots \\ 9 \overline{) 36} \end{array}$$

$$\begin{array}{r} \dots\dots\dots \\ 6 \overline{) 18} \end{array}$$

$$\begin{array}{r} \dots\dots\dots \\ 7 \overline{) 28} \end{array}$$

$$\begin{array}{r} \dots\dots\dots \\ 3 \overline{) 15} \end{array}$$

$$\begin{array}{r} \dots\dots\dots \\ 9 \overline{) 18} \end{array}$$

$$\begin{array}{r} \dots\dots\dots \\ 8 \overline{) 8} \end{array}$$

$$\begin{array}{r} \dots\dots\dots \\ 5 \overline{) 25} \end{array}$$

$$\begin{array}{r} \dots\dots\dots \\ 4 \overline{) 28} \end{array}$$

$$\begin{array}{r} \dots\dots\dots \\ 4 \overline{) 8} \end{array}$$

$$\begin{array}{r} \dots\dots\dots \\ 3 \overline{) 9} \end{array}$$

$$\begin{array}{r} \dots\dots\dots \\ 4 \overline{) 32} \end{array}$$

$$\begin{array}{r} \dots\dots\dots \\ 8 \overline{) 32} \end{array}$$

$$\begin{array}{r} \dots\dots\dots \\ 9 \overline{) 27} \end{array}$$

$$\begin{array}{r} \dots\dots\dots \\ 3 \overline{) 12} \end{array}$$

$$\begin{array}{r} \dots\dots\dots \\ 4 \overline{) 12} \end{array}$$

$$\begin{array}{r} \dots\dots\dots \\ 6 \overline{) 12} \end{array}$$

$$\frac{35}{5} = \dots\dots\dots$$

$$\frac{36}{4} = \dots\dots\dots$$

$$\frac{45}{5} = \dots\dots\dots$$

$$\frac{9}{3} = \dots\dots\dots$$

$$\frac{32}{4} = \dots\dots\dots$$

$$\frac{50}{5} = \dots\dots\dots$$

$$\frac{28}{4} = \dots\dots\dots$$

$$\frac{36}{9} = \dots\dots\dots$$

$$\frac{12}{3} = \dots\dots\dots$$

$$\frac{16}{4} = \dots\dots\dots$$

$$\frac{18}{3} = \dots\dots\dots$$

$$\frac{20}{5} = \dots\dots\dots$$

$$\frac{30}{6} = \dots\dots\dots$$

$$\frac{14}{7} = \dots\dots\dots$$

$$\frac{18}{9} = \dots\dots\dots$$

$$\frac{12}{6} = \dots\dots\dots$$



Find :

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 2 \\ \hline \end{array}$$

$3 \times 9 = \dots\dots\dots$

$4 \times 5 = \dots\dots\dots$

$3 \times 5 = \dots\dots\dots$

Complete:

[a] $4 \times \dots\dots\dots = 2 \times 8$

[b] $\dots\dots\dots \times 8 = 40$

[c] $\dots\dots\dots \times 4 = 2 + 2 + 2 + 2$

[d] $4 \times 6 = (4 \times 2) + (5 \times \dots\dots\dots) = \dots\dots\dots + \dots\dots\dots = \dots\dots\dots$

[e] $3 + 3 + 3 + 3 = \dots\dots\dots \times \dots\dots\dots$

Match

2×8

2×9

4×10

4×6

3×6

3×8

4×4

8×5

Alaa bought 4 books for LE 5 each and 8 pens for LE 3 each , how much money did she pay ?

The price of books =

The price of pens =

she paid =

Put ((< , = or >))

$3 \times 4 \square 3 + 4$

$5 \times 6 \square 4 \times 8$

$4 \times 4 \square 2 \times 8$

$6 \times 5 \square 4 \times 9$

$3 \times 3 \square 3 + 3 + 3 + 3$

$3 \times 8 \square 4 \times 6$

Division (2)

Complete:

4 ÷ ... = 2	6 ÷ ... = 3	8 ÷ ... = 4
9 ÷ ... = 3	10 ÷ ... = 5	12 ÷ ... = 6
14 ÷ ... = 2	16 ÷ ... = 4	18 ÷ ... = 3
20 ÷ ... = 5	24 ÷ ... = 6	30 ÷ ... = 5

... ÷ 2 = 2	... ÷ 2 = 3	... ÷ 3 = 4
... ÷ 4 = 5	... ÷ 5 = 6	... ÷ 6 = 3
... ÷ 4 = 8	... ÷ 8 = 2	... ÷ 3 = 7
... ÷ 8 = 5	... ÷ 9 = 2	... ÷ 9 = 4

5 ... | 25	9 ... | 36	5 ... | 30	6 ... | 24	7 ... | 21
6 ... | 24	7 ... | 1	8 ... | 16	4 ... | 32	3 ... | 12
5 4 | .....	4 6 | .....	5 6 | .....	3 3 | .....	9 2 | .....
7 4 | .....	6 4 | .....	8 3 | .....	3 9 | .....	8 3 | .....

$$\frac{\dots}{8} = 5$$

$$\frac{\dots}{7} = 5$$

$$\frac{\dots}{6} = 5$$

$$\frac{\dots}{3} = 6$$

$$\frac{\dots}{5} = 9$$

$$\frac{\dots}{8} = 2$$

$$\frac{\dots}{3} = 2$$

$$\frac{\dots}{4} = 9$$

$$\frac{\dots}{7} = 2$$

$$\frac{\dots}{9} = 4$$

$$\frac{\dots}{5} = 5$$

$$\frac{\dots}{3} = 3$$

$$\frac{36}{\dots} = 4$$

$$\frac{28}{\dots} = 7$$

$$\frac{24}{\dots} = 6$$

$$\frac{18}{\dots} = 6$$

$$\frac{36}{\dots} = 9$$

$$\frac{28}{\dots} = 4$$

$$\frac{28}{\dots} = 7$$

$$\frac{30}{\dots} = 6$$

$$\frac{12}{\dots} = 4$$

$$\frac{14}{\dots} = 7$$

$$\frac{\dots}{5} = 6$$

$$\frac{\dots}{3} = 8$$

$$\frac{12}{\dots} = 3$$

$$\frac{14}{\dots} = 2$$

$$\frac{\dots}{5} = 3$$

$$\frac{\dots}{2} = 2$$

40 ÷ 5 =	 ÷ 4 = 7	25 ÷ ... = 5
32 ÷ 4 =	 ÷ 4 = 8	45 ÷ ... = 9

$$\begin{array}{r} 9 \\ \dots \overline{) 36} \end{array}$$

$$\begin{array}{r} 8 \\ 3 \overline{) \dots} \end{array}$$

$$\frac{36}{4} = \dots$$

$$\frac{24}{\dots} = 6$$

$$\frac{\dots}{3} = 3$$

$$\begin{array}{r} 4 \\ 8 \overline{) \dots} \end{array}$$

$$\begin{array}{r} 4 \\ 4 \overline{) \dots} \end{array}$$

$$\frac{12}{6} = \dots$$

$$\frac{24}{\dots} = 8$$

$$\frac{\dots}{3} = 7$$

Find :

$3 \times 8 = \dots\dots$
 $2 \times 5 = \dots\dots$
 $3 \times 4 = \dots\dots$

$6 \div 3 = \dots\dots$
 $40 \div 5 = \dots\dots$
 $16 \div 4 = \dots\dots$

Complete:

[a] $4 \times \dots\dots = 2 \times 8$
[c] $\dots\dots \times 3 = 5 + 5 + 5$
[e] $\dots\dots \times \dots\dots = (4 \times 8) + (4 \times 2) = \dots\dots + \dots\dots = \dots\dots$

[b] $\dots\dots \div 3 = 7$
[d] $4 \times 2 = \dots\dots + \dots\dots = \dots\dots$

Match

$32 \div 4$

$24 \div 6$

$40 \div 4$

$18 \div 3$

2×2

3×2

2×4

2×5

Mona saves LE 3 from her pocket-money everyday .
How much money can she save in a week (7 days) ?
She can save =

Each chair has 4 legs. How many legs are there in 3 chairs .
The number of legs =

Put ((< , = or >))

3×4 $3 + 4$
 3×4 $4 + 4 + 4 + 4$

5×6 4×8
 3×8 4×6

Complete in the same pattern :
0 , 2 , 4 , 6 , 8 , , , , ,
0 , 3 , 6 , 9 , 12 , , , , ,
0 , 5 , 10 , 15 , 20 , , , , ,

Division (3)

How many threes are there in 12 ? There are $= \dots \div \dots = \dots$

How many twos are there in 12? There are $= \dots \div \dots = \dots$

How many fours are there in 12? There are $= \dots \div \dots = \dots$

How many sixes are there in 12? There are $= \dots \div \dots = \dots$

How many fours are there in 24 ? There are $= \dots \div \dots = \dots$

How many threes are there in 24 ? There are $= \dots \div \dots = \dots$

How many sixes are there in 24 ? There are $= \dots \div \dots = \dots$

How many eights are there in 24 ? There are $= \dots \div \dots = \dots$

Mona paid LE 35 to by 5 pencils of the same kind and price.
What is the price of each pencil ?

The price of each pencil $= \dots \div \dots = \dots$

Mona paid LE 24 to by 6 books of the same kind and price.
What is the price of each pencil ?

The price of each pencil $= \dots \div \dots = \dots$

How many plates are needed for 30 pieces of cakes, if each plate has 5 pieces ? Number of plates $= \dots \div \dots = \dots$

How many boxes are needed for 18 balls , if each box has 6 balls ? Number of boxes = $\div$ =

How many metres of cloth can you buy for LE 27 if the price of one metre is LE 3 ?

Number of meters = $\div$ =

Ahmed divided LE 36 among his 4 sons.

How much money does each son get ?

Each son gets = $\div$ =

On a feast day , Samy gives his three sons LE 27 to be equally divided among them . how much money does each son get ?

Each son gets = $\div$ =

Mona wants to buy balls for LE 24 . if the cost of one ball is LE 8 . How many books can he buy ?

He can buy =

Mona has 36 apples . She puts each 4 apples in a plate .

How many plates does she need ?

She needs =

Kamal bought 2 kilograms of meat for LE 20 . How much money does a kilograms cost?

A kilogram costs



(1) Find the result :

[a] $5 \times 8 = \dots\dots\dots$

[b] $9 \times 3 = \dots\dots\dots$

[c] $28 \div 4 = \dots\dots\dots$

[d] $36 \div 9 = \dots\dots\dots$

[e] $30 \div 5 = \dots\dots\dots$

[f] $7 \times 2 = \dots\dots\dots$

(2) Complete :

[a] $9 \times \dots\dots\dots = 45$

[b] $\dots\dots\dots \times 6 = 24$

[c] $\dots\dots\dots \div 3 = 7$

[d] $24 \div \dots\dots\dots = 8$

[e] $6 \times 4 = \dots\dots\dots + \dots\dots\dots + \dots\dots\dots + \dots\dots\dots$

[f] $7 \times 5 = (7 \times \dots\dots\dots) + (7 \times 2)$

(3) Put < , = or > :

[a] $3 \times 5 \square 5 + 3$

[b] $36 \div 4 \square 3 \times 3$

[c] $5 \times 8 \square 8 \times 5$

[d] $24 \div 3 \square 4 \times 6$

[e] $3+3+3+3 \square 3 \times 3$

[f] $5 \times 5 \square 4 \times 7$

(4) Match :

4×6

3×4

$24 \div 4$

4×4

$5+5+5+5$

3×2

3×8

4×5

6×2

8×2

(5) [a] Mohamed bought 8 kg of oranges for LE 5 each.

How much money did he pay ?

He paid = $\dots\dots\dots \times \dots\dots\dots = \text{LE } \dots\dots\dots$

[b] The price of 8 books is LE 24 . Find the price of each book .

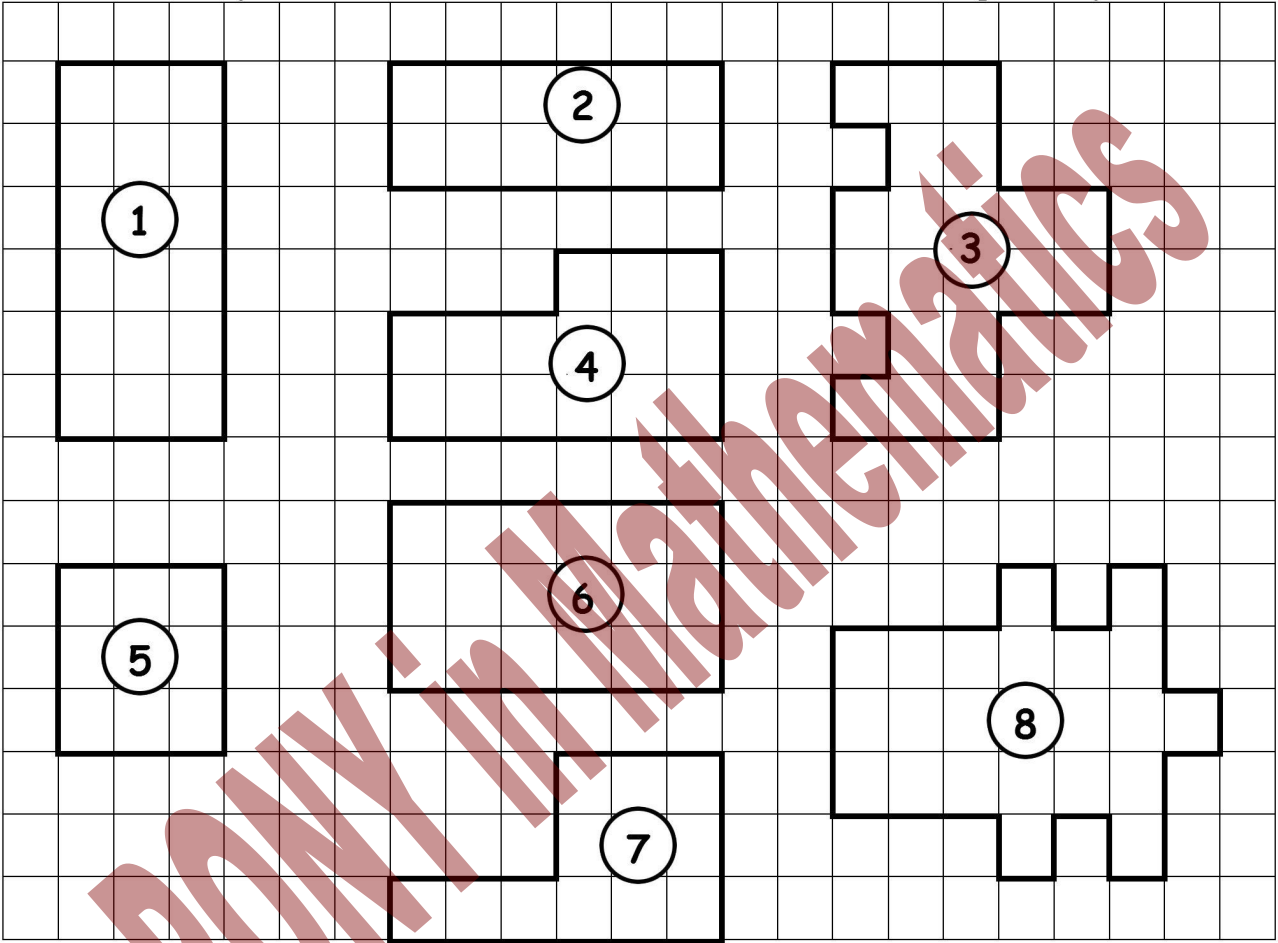
The price of each book = $\dots\dots\dots \div \dots\dots\dots = \text{LE } \dots\dots\dots$



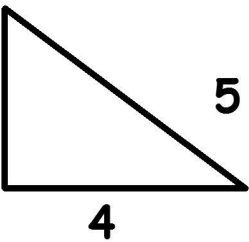
Geometry

The Perimeter

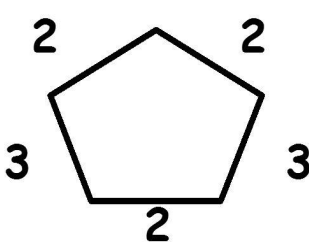
Calculate the perimeter of each of the following shapes



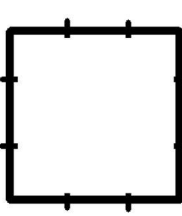
Number of shape	1	2	3	4	5	6	7	8
Perimeter								



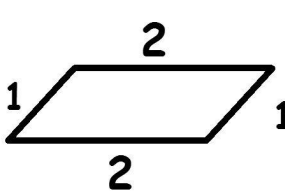
the perimeter =
.....+.....+.....=



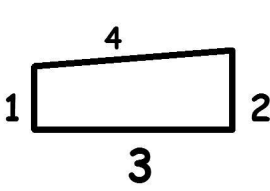
the perimeter =
.....=



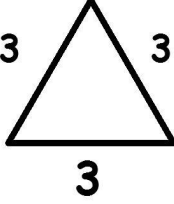
the perimeter =
.....=



the perimeter =
.....=



the perimeter =
.....=



the perimeter =
.....=

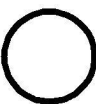
Draw on the lattice a polygon whose perimeter is :

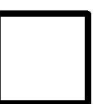
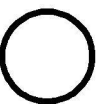
8 units																			
16 units																			
6 units																			
20 units																			
12 units																			
10 units																			

Shapes and patterns

Notice and complete in the same pattern

- 1)





.....
- 2)

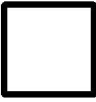






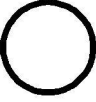

.....
- 3)





.....
- 4)








.....
- 5)








.....
- 6)

AB

ABB

ABBB

ABBBB

.....
- 7)







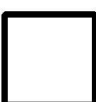
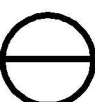

.....
- 8)







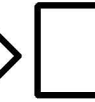

.....
- 9)




.....
- 10)







.....
- 11)








.....

(1) Find the result :

[a] $4 \times 4 = \dots\dots\dots$

[b] $6 \times 3 = \dots\dots\dots$

[c] $28 \div 7 = \dots\dots\dots$

[d] $36 \div 4 = \dots\dots\dots$

[e] $32 \div 8 = \dots\dots\dots$

[f] $7 \times 3 = \dots\dots\dots$

(2) Complete :

[a] $9 \times \dots\dots\dots = 27$

[b] $\dots\dots\dots \times 6 = 24$

[c] $\dots\dots\dots \div 3 = 4$

[d] $16 \div \dots\dots\dots = 8$

[e] $9 \times 4 = \dots\dots\dots + \dots\dots\dots + \dots\dots\dots + \dots\dots\dots$

[f] AB , AABB , AAABBB ,

(3) Put < , = or > :

[a] $7 \times 5 \square 7 + 3$

[b] $24 \div 4 \square 3 \times 3$

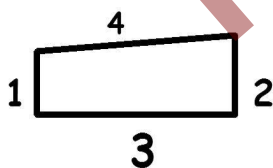
[c] $4 \times 10 \square 8 \times 5$

[d] $24 \div 3 \square 4 \times 2$

[e] $6+6+6+6 \square 6 \times 3$

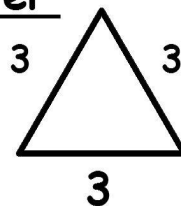
[f] $5 \times 4 \square 3 \times 7$

(4) Calculate the perimeter



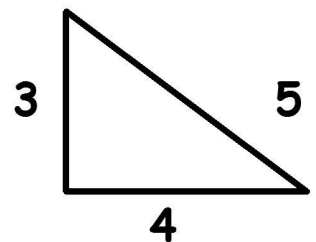
the perimeter =

..... =



the perimeter =

..... =



the perimeter =

..... + + =

(5) [a] Each boy has 2 hands , how many hands do 8 boys have ?

They have = $\times$ = hands

[b] Ahmed distribute LE 35 among 5 girls .
how much money did each girl have ?

Each girl had = $\div$ = LE



Fractions

Fractions as parts of shapes

Colour $\frac{1}{2}$:

Colour $\frac{1}{3}$: _____

Colour $\frac{1}{4}$: _____

(1) Find the result :

[a] $4 \times 7 = \dots\dots\dots$

[b] $9 \times 3 = \dots\dots\dots$

[c] $32 \div 4 = \dots\dots\dots$

[d] $24 \div 4 = \dots\dots\dots$

[e] $16 \div 8 = \dots\dots\dots$

[f] $6 \times 3 = \dots\dots\dots$

(2) Complete :

[a] $8 \times \dots\dots\dots = 24$

[b] $\dots\dots\dots \times 4 = 8$

[c] $\dots\dots\dots \div 3 = 7$

[d] $21 \div \dots\dots\dots = 3$

[e] $\dots\dots\dots \times \dots\dots\dots = 7 + 7 + 7 + 7 + 7$

[f] $! ? , ! ? ? , ! ? ? ? , \dots\dots\dots$

(3) Put < , = or > :

[a] 6×5 $6 + 5$

[b] $35 \div 5$ 3×3

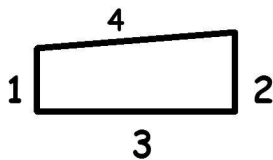
[c] 4×8 6×5

[d] $21 \div 3$ 4×2

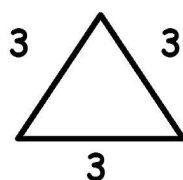
[e] $6+6+6$ 6×3

[f] 4×4 8×2

(4) Calculate the perimeter

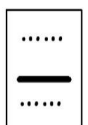
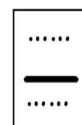


the perimeter =



the perimeter =

Write the fraction :



(5) Nada had LE 64 , She bought 9 pencils for LE 5 each .

Find the remaining money with her .

The price of pencils = $\times$ = LE

The remainder = - = LE

Fractions as parts of sets

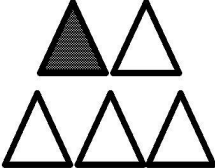
Write the fraction according to the coloured part :



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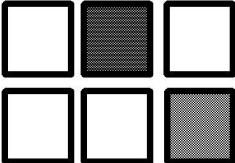
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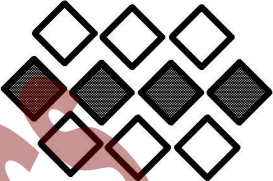
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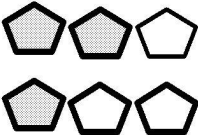
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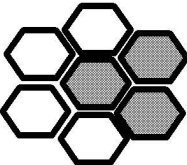
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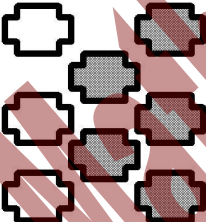
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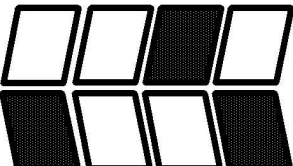
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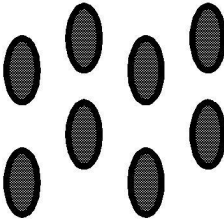


.....

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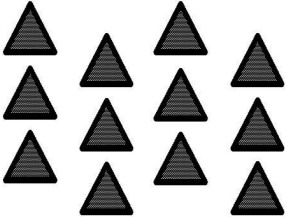
.....

Circle according to the given fraction :



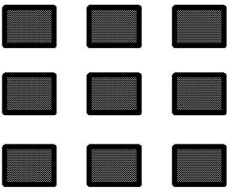
1

2



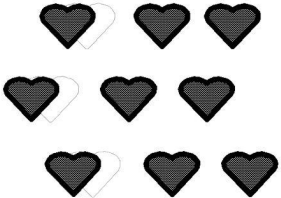
1

4



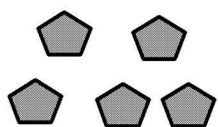
1

3

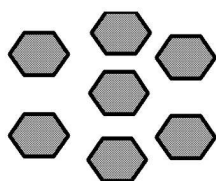


2

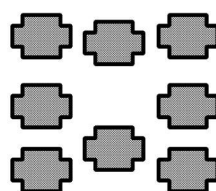
3



$$\frac{2}{5}$$



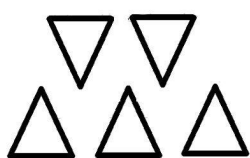
$$\frac{3}{7}$$



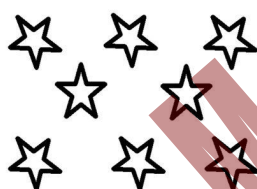
$$\frac{1}{4}$$



$$\frac{1}{4}$$



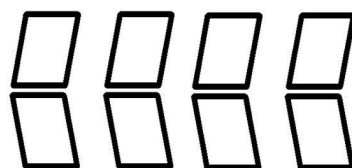
$$\frac{2}{5}$$



$$\frac{3}{7}$$



$$\frac{1}{4}$$



$$\frac{1}{4}$$

Complete :

a If $\frac{1}{2}$ a bunch of grapes is 10 grapes, then all bunch consists of grapes.

b If $\frac{1}{3}$ of a box of crayons = 3 crayons, then the box contains crayons.

c If $\frac{1}{4}$ of a dozen of eggs = 3 eggs, then the whole dozen = eggs.

d If $\frac{1}{4}$ of a box of fizzy drinks = 6 bottles, then the box
of fizzy drinks = bottles.

(1) Find the result :

[a] $45 \div 5 = \dots\dots\dots$

[b] $8 \times 2 = \dots\dots\dots$

[c] $30 \div 6 = \dots\dots\dots$

[d] $4 \times 9 = \dots\dots\dots$

[e] $21 \div 7 = \dots\dots\dots$

[f] $3 \times 6 = \dots\dots\dots$

(2) Complete :

[a] $5 \times \dots\dots\dots = 15$

[b] $\dots\dots\dots \times 7 = 14$

[c] $\dots\dots\dots \div 2 = 5$

[d] $12 \div \dots\dots\dots = 4$

[e] $\dots\dots\dots \times \dots\dots\dots = (3 \times 7) + (2 \times 7)$

[f] $\bigcirc \square, \bigcirc \square, \bigcirc \square, \dots\dots\dots$

(3) Put < , = or > :

[a] $4 \times 6 \square 3 \times 8$

[b] $45 \div 5 \square 36 \div 4$

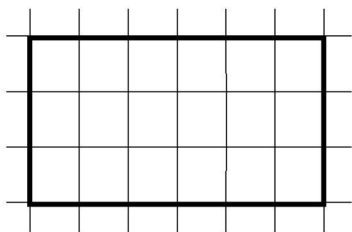
[c] $2 \times 7 \square 3 \times 5$

[d] $9 \div 3 \square 12 \div 4$

[e] $2 \times 10 \square 3 \times 7$

[f] $16 \div 4 \square 2 \times 8$

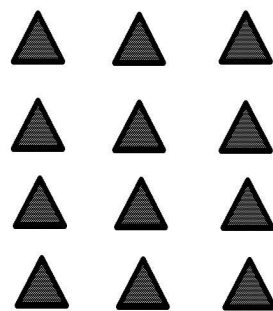
(4) Calculate the perimeter



the perimeter =

Circle according to the fraction :

$\frac{1}{4}$



(5) Eman bought 8 notebooks for LE 32 .

Find the price of each notebook.

the price of each note book = $\div$ = LE

Fractions as Number

Complete :

How many halves are there in one whole? halves

How many thirds are there in one whole? thirds

How many quarters are there in one whole? quarters

How many fifths are there in one whole? fifths

How many sixths are there in one whole? sixths

How many sevenths are there in one whole? sevenths

How many eighths are there in one whole? eighths

How many ninths are there in one whole? ninths

How many tenths are there in one whole? tenths

How many quarters make up a $\frac{1}{2}$? quarters

How many sixths make up a $\frac{1}{3}$? sixths

How many ninths make up a $\frac{1}{3}$? ninths

How many eighths make up a $\frac{1}{4}$? eighths

How many tenths make up a $\frac{1}{2}$? tenths

How many sixth make up a $\frac{1}{2}$? sixth

How many eighths make up a $\frac{1}{2}$? eighths



Arrange the following fractions order

$$\frac{1}{3}, \frac{1}{5}, \frac{1}{9}, \frac{1}{2}, \frac{1}{10}, \frac{1}{6}$$

The ascending order

..... , , , , ,

The descending order

..... , , , , ,

Arrange the following fractions order

$$\frac{1}{5}, \frac{1}{8}, \frac{1}{2}, \frac{1}{9}, \frac{1}{3}, \frac{1}{7}$$

The ascending order

..... , , , , ,

The descending order

..... , , , , ,

Arrange the following fractions order

$$\frac{1}{9}, \frac{1}{2}, \frac{1}{4}, \frac{1}{8}, \frac{1}{6}, \frac{1}{5}$$

The ascending order

..... , , , , ,

The descending order

..... , , , , ,



Put $<$, $=$ or $>$:

$$\frac{1}{2} \dots\dots\dots \frac{1}{3}$$

$$\frac{1}{3} \dots\dots\dots \frac{1}{4}$$

$$\frac{1}{5} \dots\dots\dots \frac{1}{6}$$

$$\frac{1}{7} \dots\dots\dots \frac{1}{2}$$

$$\frac{1}{6} \dots\dots\dots \frac{1}{4}$$

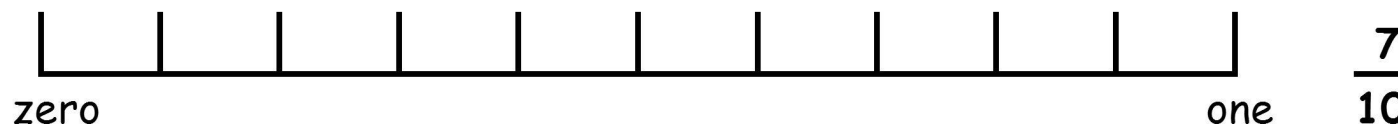
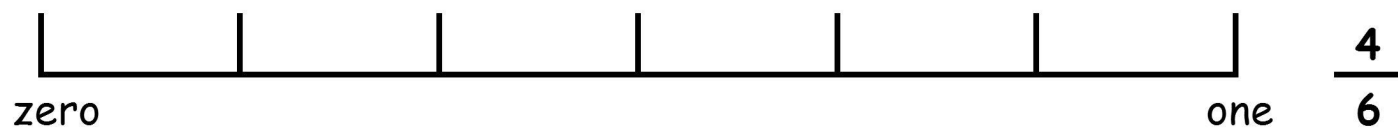
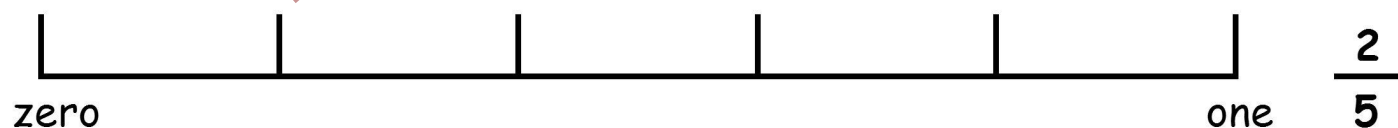
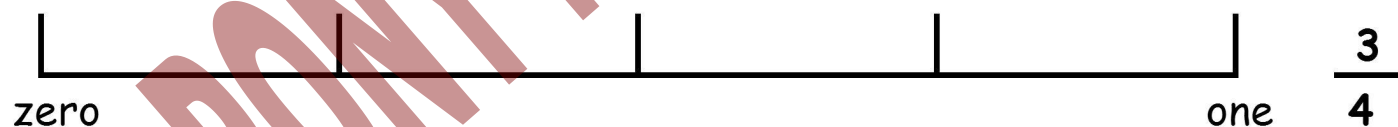
$$\frac{1}{8} \dots\dots\dots \frac{1}{3}$$

$$\frac{1}{5} \dots\dots\dots \frac{1}{5}$$

$$\frac{1}{3} \dots\dots\dots \frac{1}{2}$$

$$\frac{1}{6} \dots\dots\dots \frac{1}{6}$$

Represent each fraction on the opposite line





(1) Match :

0×5

2×5

4×2

2×3

3×3

$20 \div 2$

9×0

$24 \div 4$

$27 \div 3$

$24 \div 3$

(2) Complete :

[a] $4 \times \dots = 12$ [b] $\dots \times 3 = 15$ [d] $32 \div \dots = 4$

[c] there are fifths in one whole

[e] $7 \times \dots = (2 \times 4) + (\dots \times 4)$

[f] , , , ,

(3) Put < , = or > :

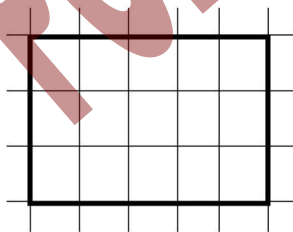
[a] 6×4 3×8

[b] $18 \div 3$ $12 \div 2$

[c] $\frac{1}{7}$ $\frac{1}{2}$

[d] 4×4 $4 + 4 + 4$

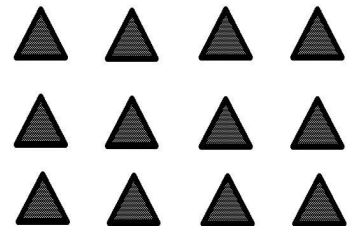
(4) Calculate the perimeter



the perimeter =

Circle according to the fraction :

$\frac{1}{3}$



(5)[a] Arrange the following fractions in ascending order

$\frac{1}{5}, \frac{1}{8}, \frac{1}{2}, \frac{1}{9}, \frac{1}{3}, \frac{1}{7}$

The ascending order,,,,

[b] The week has 7 days , how many days are there is 4 weeks ?

The number of days = $\times$ = days



Measurement

Complete :

An hour and a half = + = minutes

An hour and a third = + = minutes

An hour and a quarter = + = minutes

An hour and two thirds = + = minutes

An hour and three quarters = + = minutes

2 hours and a half = + = minutes

2 hours and a third = + = minutes

2 hours and a quarter = + = minutes

2 hours and two third = + = minutes

half an hour and a third = + = minutes

half an hour and a quarter = + = minutes

third an hour and a quarter = + = minutes

An hour and 25 minutes = + = minutes

Two hours and 35 minutes = + = minutes

half an hour and 10 minutes = + = minutes

third an hour and 5 minutes = + = minutes

Two hours and 55 minutes = + = minutes

An hour and 40 minutes = + = minutes



Complete

$$2 \frac{1}{2} \text{ hours} = \dots\dots\dots + \dots\dots\dots = \dots\dots\dots \text{ minutes}$$

$$1 \frac{1}{2} \text{ hours} = \dots\dots\dots + \dots\dots\dots = \dots\dots\dots \text{ minutes}$$

$$1 \frac{1}{3} \text{ hours} = \dots\dots\dots \text{ minutes}$$

$$2 \frac{1}{3} \text{ hours} = \dots\dots\dots \text{ minutes}$$

$$2 \frac{1}{4} \text{ hours} = \dots\dots\dots \text{ minutes}$$

$$1 \frac{1}{4} \text{ hours} = \dots\dots\dots \text{ minutes}$$

$$135 \text{ minutes} = \dots\dots\dots \text{ hours} + \dots\dots\dots \text{ minutes}$$

$$95 \text{ minutes} = \dots\dots\dots \text{ hours} + \dots\dots\dots \text{ minutes}$$

$$100 \text{ minutes} = \dots\dots\dots \text{ hours} + \dots\dots\dots \text{ minutes}$$

$$190 \text{ minutes} = \dots\dots\dots \text{ hours} + \dots\dots\dots \text{ minutes}$$

$$125 \text{ minutes} = \dots\dots\dots \text{ hours} + \dots\dots\dots \text{ minutes}$$

$$85 \text{ minutes} = \dots\dots\dots \text{ hours} + \dots\dots\dots \text{ minutes}$$

Put < , = or >

1 hours and a half

☐

150 minutes

2 hours and a quarter

☐

135 minutes

1 hours and a third

☐

40 minutes

1 hours and 55 minutes

☐

115 minutes

2 hours and 10 minutes

☐

103 minutes

half an hours and a third

☐

90 minutes



(1) Find the result :

[a] $45 \div 5 = \dots\dots\dots$

[b] $8 \times 2 = \dots\dots\dots$

[c] $30 \div 6 = \dots\dots\dots$

[d] $4 \times 9 = \dots\dots\dots$

[e] $21 \div 7 = \dots\dots\dots$

[f] $3 \times 6 = \dots\dots\dots$

(2) Complete :

[a] $4 \times \dots\dots\dots = 12$ [b] $\dots\dots\dots \times 3 = 15$ [d] $32 \div \dots\dots\dots = 4$

[c] there are $\dots\dots\dots$ fifths in one whole

[e] $7 \times \dots\dots\dots = (2 \times 4) + (\dots\dots \times 4)$

[f] An hour and a third = $\dots\dots\dots + \dots\dots\dots = \dots\dots\dots$ minutes

(3) Put < , = or > :

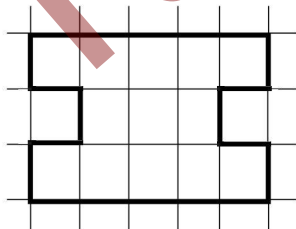
[a] 4×6 3×8

[b] $45 \div 5$ $36 \div 4$

[c] $\frac{1}{3}$ $\frac{1}{4}$

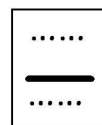
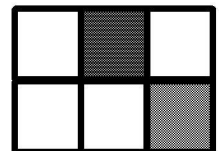
[d] 2 hours and a quarter 135 minutes

(4) Calculate the perimeter



the perimeter = $\dots\dots\dots$

Write the fraction :



(5)[a] Eman bought 8 notebooks for LE 32 .

Find the price of each notebook.

the price of each note book = $\dots\dots\dots \div \dots\dots\dots = \text{LE } \dots\dots\dots$

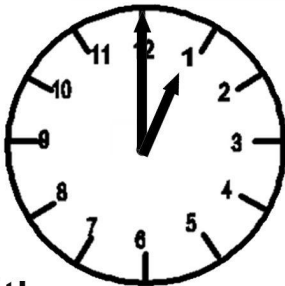
[b] Arrange the following fractions in ascending order

$\frac{1}{5}$, $\frac{1}{8}$, $\frac{1}{2}$, $\frac{1}{9}$, $\frac{1}{3}$

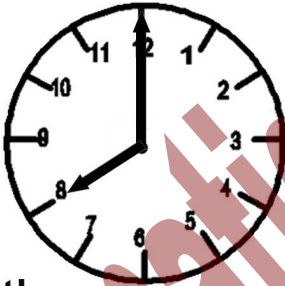
The ascending order $\dots\dots\dots$, $\dots\dots\dots$, $\dots\dots\dots$, $\dots\dots\dots$, $\dots\dots\dots$

Telling The Time

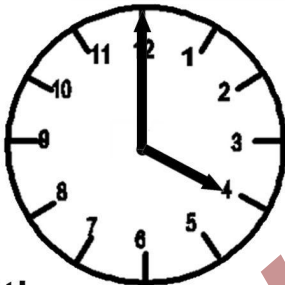
Write the time shown by the clock :



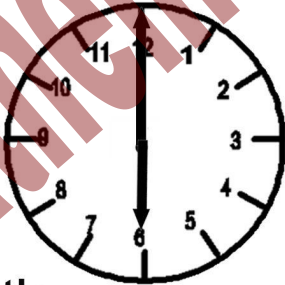
It's



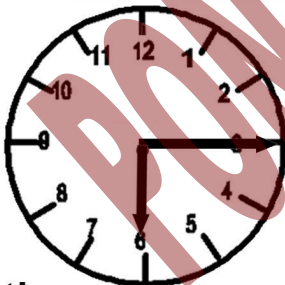
It's



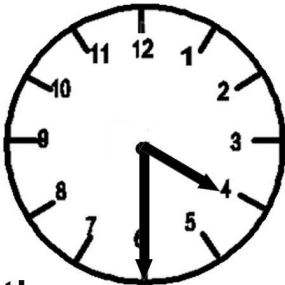
It's



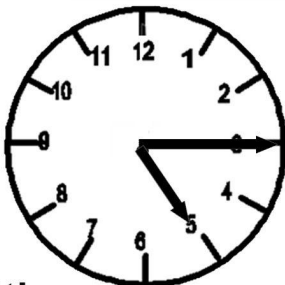
It's



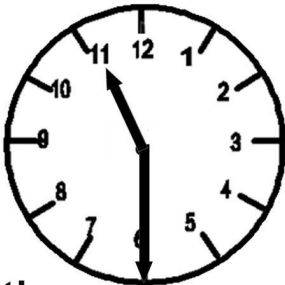
It's



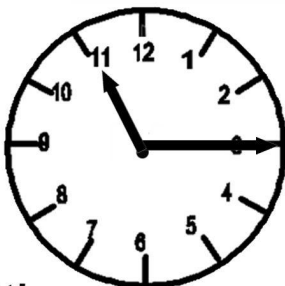
It's



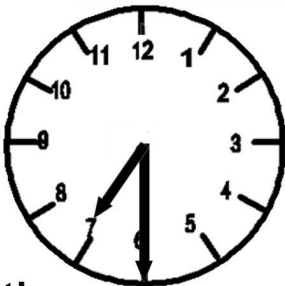
It's



It's

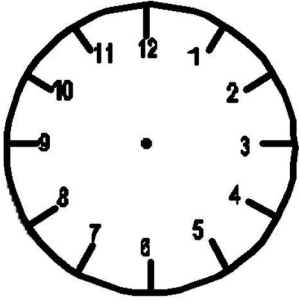


It's



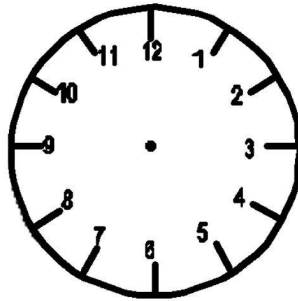
It's

Draw the hands of the clock



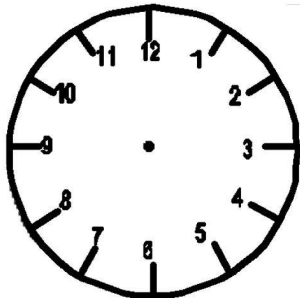
:

It's five O'clock



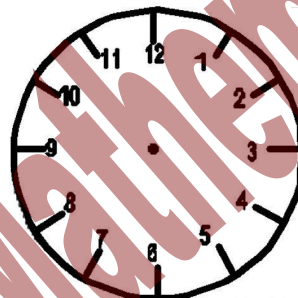
:

It's nine O'clock



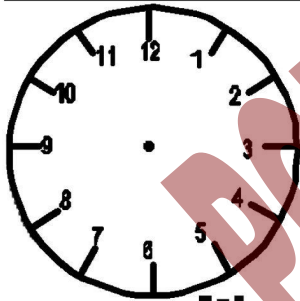
:

It's four O'clock



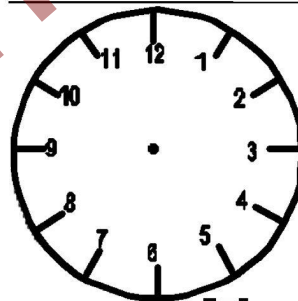
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It's eight O'clock



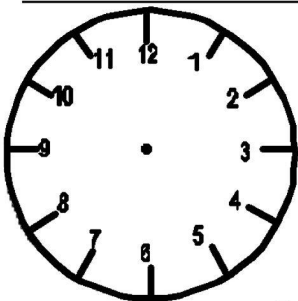
:

It's quarter past 8



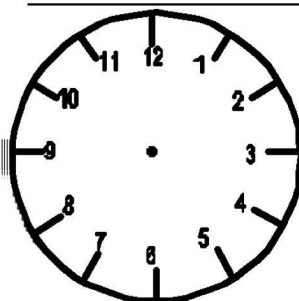
:

It's quarter past 2



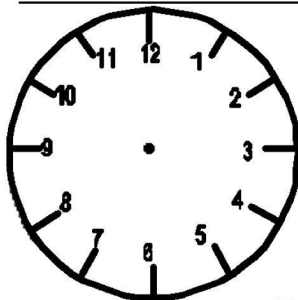
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It's half past 2



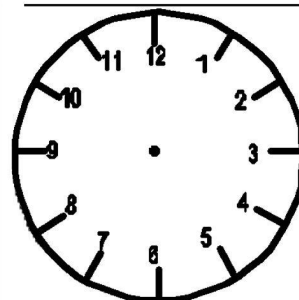
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It's quarter past 11



:

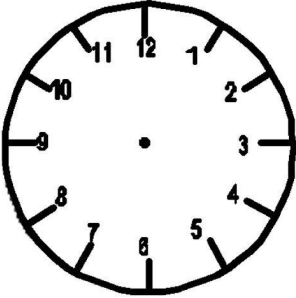
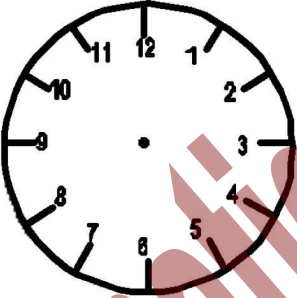
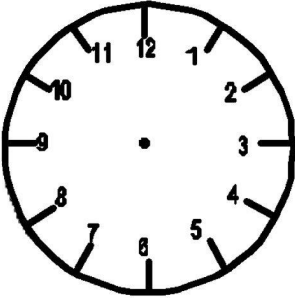
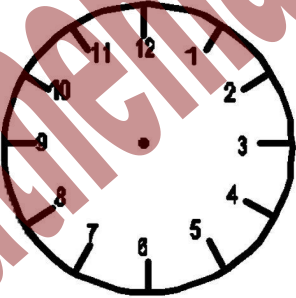
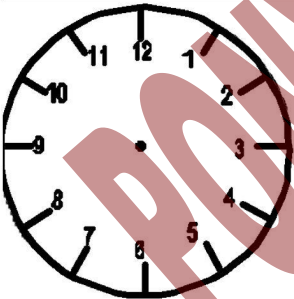
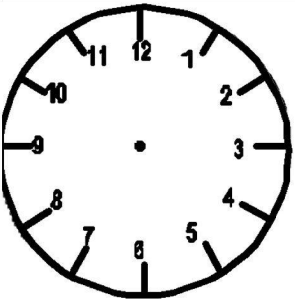
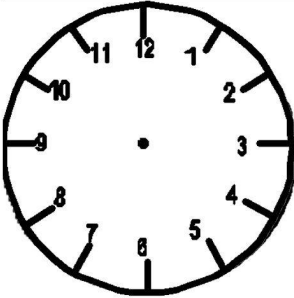
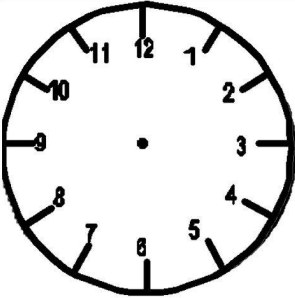
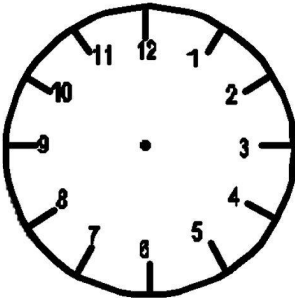
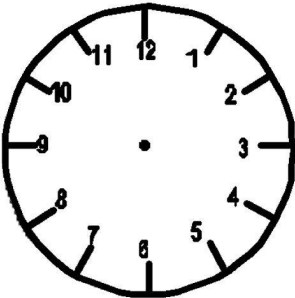
It's half past 4



:

It's half past 9

Draw the hands of the clock

 9 : 00	 3 : 00
 8 : 00	 8 : 30
 4 : 30	 4 : 15
 2 : 30	 2 : 15
 5 : 15	 11 : 30

(1) Find the result :

[a] $12 \div 4 = \dots\dots\dots$

[b] $5 \times 2 = \dots\dots\dots$

[c] $30 \div 5 = \dots\dots\dots$

[d] $3 \times 9 = \dots\dots\dots$

(2) Complete :

[a] $5 \times \dots\dots = 25$

[b] $35 \div \dots\dots = 7$

[c] $4 \times 2 = \dots\dots + \dots\dots$

[d] $\dots\dots \div 4 = 4$

[e] 95 minutes = $\dots\dots$ hours + $\dots\dots$ minutes

(3) Put < , = or > :

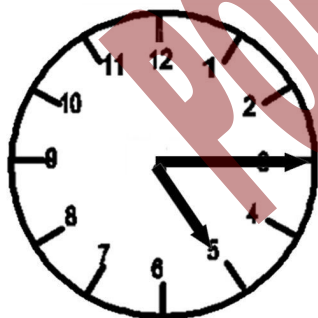
[a] 4×2 3×3

[b] $45 \div 5$ $36 \div 4$

[c] $\frac{1}{7}$ $\frac{1}{2}$

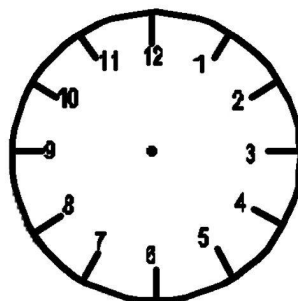
[d] $3+3+3$ 3×4

(4) Write the time :


 :

It's $\dots\dots\dots$

Draw the hands of the clock


 :

It's quarter past 5

(5)[a] Eman bought 8 notebooks for LE 3 each

Find the price of notebooks

the price of notebooks = $\dots\dots \times \dots\dots = \text{LE } \dots\dots$

[b] Arrange the following fractions in ascending order

$\frac{1}{5}$, $\frac{1}{2}$, $\frac{1}{9}$, $\frac{1}{3}$, $\frac{1}{8}$

The ascending order $\dots\dots$, $\dots\dots$, $\dots\dots$, $\dots\dots$, $\dots\dots$

Capacity and the litre as a unit

Choose the closest answer to what is right

- 1) The capacity of bucket is (1 litre , 7 litres , 30 litres)
- 2) The capacity of a glass is (1 litre , $\frac{1}{2}$ litre , $\frac{1}{4}$ litre)
- 3) The capacity of a large barrel is ... (50 litre, 20 litre, 500 litre)

Measuring of weight



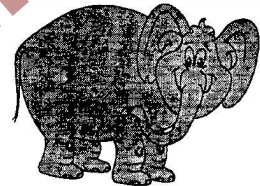
Bird



rabbit



dog



elephant

with the help of the figure answer using (lighter) or (heavier)

- 1) The bird is than the rabbit.
- 2) The bird is than the elephant.
- 3) The bird is than the dog.
- 4) The dog is than the bird.
- 5) The dog is than the elephant.
- 6) The dog is than the rabbit.
- 7) The rabbit is than the bird.
- 8) The rabbit is than the dog.
- 9) The rabbit is than the elephant.
- 10) The elephant is than the bird.
- 11) The elephant is than the dog.

Units of weight

$$1\text{ kg} = \dots\dots \text{ kg} + \dots\dots \text{ kg}$$

$$\frac{1}{2}\text{ kg} + \frac{1}{2}\text{ kg} = \dots\dots \text{ kg}$$

$$\frac{1}{2}\text{ kg} + \frac{1}{4}\text{ kg} = \dots\dots \text{ kg}$$

$$1\text{ kg} + \frac{1}{2}\text{ kg} = \dots\dots \text{ kg}$$

$$\frac{1}{2}\text{ kg} = \dots\dots \text{ kg} + \dots\dots \text{ kg}$$

$$\frac{1}{4}\text{ kg} + \frac{1}{4}\text{ kg} = \dots\dots \text{ kg}$$

$$1\text{ kg} + 1\text{ kg} = \dots\dots \text{ kg}$$

$$1\text{ kg} + \frac{1}{4}\text{ kg} = \dots\dots \text{ kg}$$

Put < , = or >:

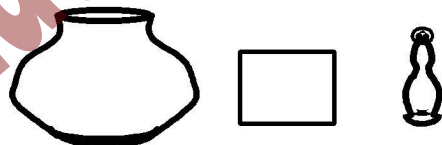
$$\frac{1}{2}\text{ litre} \quad \square \quad \frac{1}{4}\text{ litre}$$



$$\frac{1}{2}\text{ kg} \quad \square \quad \frac{1}{4}\text{ kg}$$

$$1\frac{1}{2}\text{ kg} \quad \square \quad 1\frac{1}{4}\text{ kg}$$

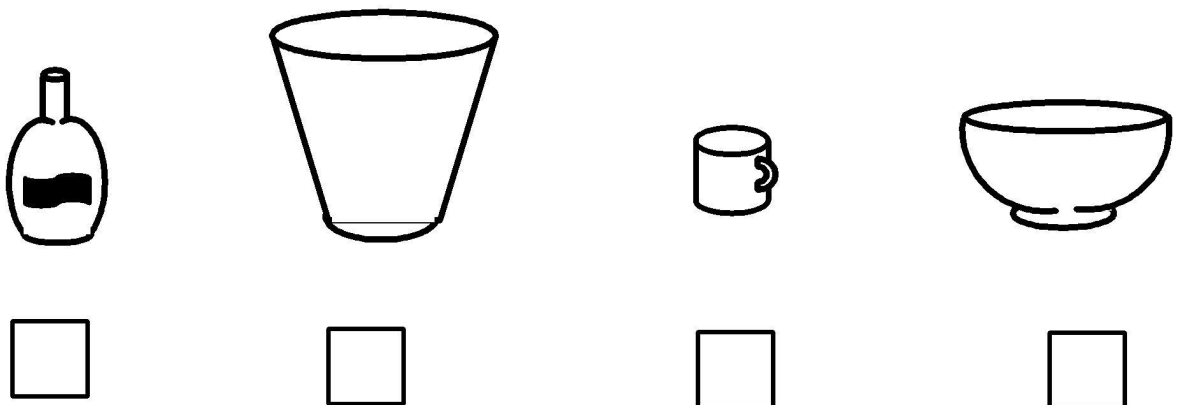
$$1\text{ litre} \quad \square \quad \frac{1}{2}\text{ litre}$$



$$1\text{ kg} \quad \square \quad \frac{1}{2}\text{ kg}$$

$$1\text{ kg} \quad \square \quad \frac{1}{2}\text{ kg} + \frac{1}{2}\text{ kg}$$

Arrange these vessels from the greatest capacity to the smallest capacity :



The A.D. Calendar

1	يناير
2	فبراير
3	مارس
4	إبريل
5	مايو
6	يونيو
7	يوليو
8	أغسطس
9	سبتمبر
10	أكتوبر
11	نوفمبر
12	ديسمبر

The Hegira Calendar

1	محرم
2	صفر
3	ربيع أول
4	ربيع ثان
5	جمادى أول
6	جمادى ثان
7	رجب
8	شعبان
9	رمضان
10	شوال
11	ذو القعدة
12	ذو الحجة

Complete :

- 1)The number of months of the A.D. calendar is
- 2)The number of months of the hegira calendar is
- 3)The first month of the A.D. calendar is
- 4)The first month of the hegira calendar is
- 5)The last month of the A.D. calendar is
- 6)The last month of the hegira calendar is
- 7)The fourth month of the A.D. calendar is

- 8) The fourth month of the hegira calendar is
- 9) The seventh month of the hegira calendar is
- 10) The seventh month of the A.D. calendar is
- 11) The month that comes right after January is
- 12) The month that comes right after March is
- 13) The month that comes right after May is
- 14) The month that comes right after July is
- 15) The month that comes right after September is
- 16) The month that comes right after December is
- 17) The month that comes right after **Safar** is
- 18) The month that comes right after Jumada first is
- 19) The month that comes right after Ramadan is
- 20) The month that comes right after Zu'lhijjah is
- 21) The month that comes right before January is
- 22) The month that comes right before April is
- 23) The month that comes right before June is
- 24) The month that comes right before October is
- 25) The month that comes right before Muharram is
- 26) The month that comes right before Rabia first is
- 27) The month that comes right before Rajab is
- 28) The month that comes right before Shaban is
- 29) The month that comes right before Zu'lqida is
- 30) The month that comes right before Ramadan is

Complete :

A.D. Month	February	.....	.....	June	.....
Order	.....	5	3	.....	11

Hegira Month	Rajab	.....	.....	Rajab	.....
Order	.....	3	10	.....	4

A.D. Month	July	April	.....	.....	December
Order	.....	.....	2	11	.....

Hegira Month	Ramadan	.....	.....	Rajab	.....
Order	.....	1	12	.....	4

A.D. Month	.....	.....	March	May	September
Order	4	6	.....	.....	.....

Hegira Month	Zu'lhijjah	.....	Shaban	.....	Safar
Order	.....	1	.....	10	.....



(1) Match :

0×5

2×5

4×2

2×3

3×3

$20 \div 2$

9×0

$24 \div 4$

$27 \div 3$

$24 \div 3$

(2) Complete :

[a] $8 \times \dots = 24$

[b] $21 \div \dots = 3$

[c] The month that comes right after January is

[d] The number of months of the hegira calendar is

[e] $\dots \times \dots = 3 + 3 + 3 + 3 + 3$

[f] An hour and 35 minutes = + = minutes

(3) Put < , = or > :

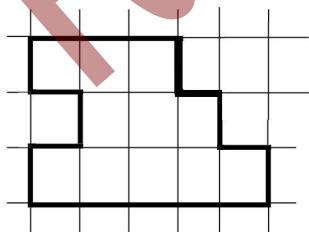
[a] 4×6 3×8

[b] 4×5 $36 \div 4$

[c] $\frac{1}{5}$ $\frac{1}{8}$

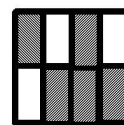
[d] 1 kg $\frac{1}{2}$ kg

(4) Calculate the perimeter



the perimeter =

Write the fraction :



(5) Ahmed had LE 150 . He bought 8 toys for LE 5 each and 9 notebooks for LE 4 each , Find the remaining money with him.

The price of toys =

The price of notebooks =

He paid =

The remainder =



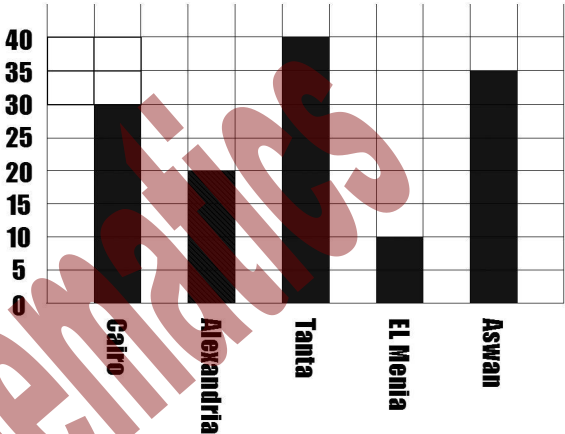
Statistics

Collecting and Representing Data

Use the opposite bar-lines to complete the table :

City	Cairo	Alex.	Tanta	El Menia	Aswan
Temperature					

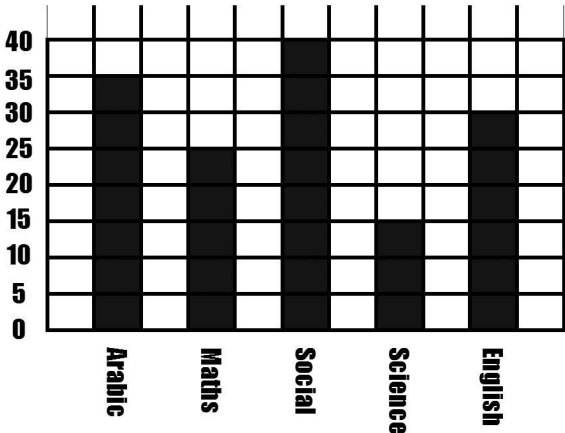
The highest temperature was in
 The lowest temperature was in
 The difference between the highest and the lowest temperature was



Use the opposite bar-lines to complete the table :

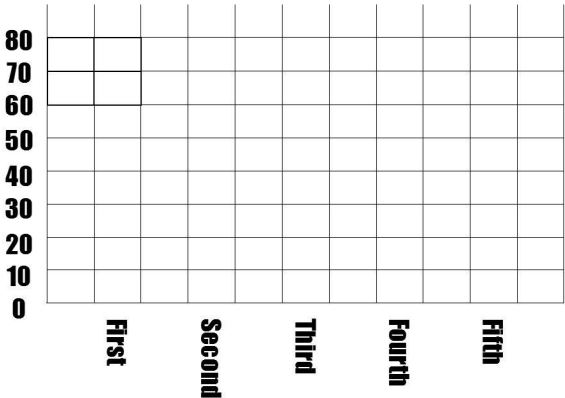
Subject	Arabic	Maths	Social	Science	English
Marks					

The highest Mark was in
 The lowest Mark was in
 The difference between the highest and the lowest Marks was



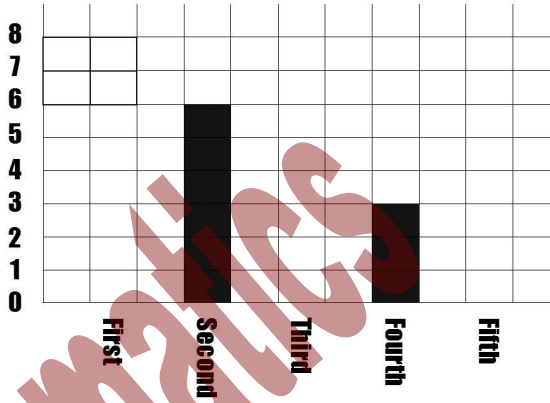
The following table shows the heights of four towers:

The tower	1 st	2 nd	3 rd	4 th	5 th
The height	40	10	50	20	30



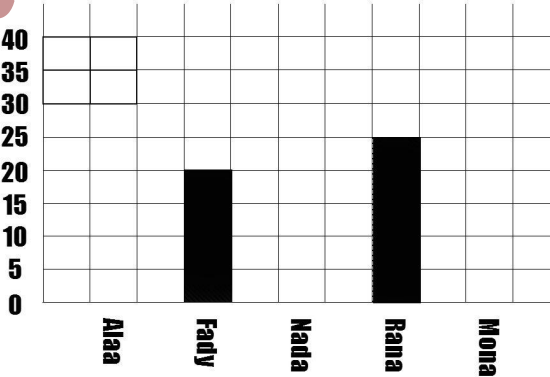
The following table shows the heights of four towers:

The tower	First	second	third	fourth	fifth
The height	2		3		5



Complete the following table and the opposite graph :

pupil	Alaa	Fady	Nada	Rana	Mona
Marks	30		20		35



Complete the following table and the opposite graph :

Pupil	Samy	Salah	Hady	Omr	Aly
Height		120	160		

