وزاره التربيه والتعليم مدرسة الدانه للحلقه الأولى

Math booklet

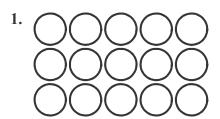
Student name :	
Grade 4 /	• • •
Teacher • Namah alnuaimi	

Dear parents this booklet is summry, we will work in this booklet and home work in book.

عزيزي ولي الامر هذا الكتيب سيكون مختصر للطالب مع استخدام الكتاب لصفحات الواجب.

(Lessons 1 through 4)

Write a fact family for each array or set of numbers.



2. 4, 7, 28

Use repeated subtraction to divide.

4.
$$32 \div 8 =$$

Use multiplication or division to complete each equation.

6. 5 times as many



7. 9 times more



 $\times 4 = 36$

Solve.

- **8.** Joey is helping with the local toy drive. He has 42 toys in his bag. If Joey gives 6 toys to each child, how many children will get toys from Joey?
- 9. There are twice as many gray kittens than white kittens. There are 4 white kittens. How many gray kittens are there?

10. Miguel rides his bike 20 minutes today. This is four

times leaventher he and his hile westender Herry

Read each question carefully. Write the letter for your answer on the line provided.

Find the unknown number.

1.
$$4 \times 3 =$$

A. 6

B. 7

C. 12

D. 20

1. ____

2.
$$\times$$
 9 = 45

F. 3

G. 4

H. 5

I. 6

2. ____

A. 50

B. 25

C. 15

D. 0

3.

F. 5

G. 6

H. 7

I. 8

4. _____

Use repeated subtraction to divide.

5.
$$9 \div 3 =$$

A. 3

B. 6

C. 27

D. 45

5. ____

6.
$$10 \div 2 =$$

F. 8

G. 5

H. 4

I. 3

6.

7.
$$18 \div 6 =$$

A. 1

B. 2

C. 3

D. 12

7.

Use multiplication or division to complete the equation.

8. 4 times as many



F. 3

G. 8

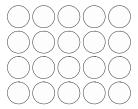
H. 11

I. 36

8. ____

(continued)

9. The figure below is a model for $4 \times 5 = 20$



Which number sentence is in the same fact family?

A.
$$20 \div 5 = 4$$

C.
$$6 \times 5 = 30$$

B.
$$24 \div 5 = 4$$

D.
$$30 \div 6 = 5$$

10. Identify multiples for the number 3.

11. Find the factors of the number 8.

12. Identify the property or rule shown by $3 \times 5 = 5 \times 3$.

- F. Associative Property of Multiplication
- G. Commutative Property of Multiplication
- H. Identify Property of Multiplication

13. Kyle runs 2 laps on the track every day. Jenna runs 3 times as many. How many laps does Jenna run?

A. 3 laps

B. 5 laps

C. 6 laps

D. 9 laps

13. ____

14. Casey threw 14 strikes at his baseball game Saturday. This is 2 times as many as last Saturday. How many strikes did Casey throw last Saturday?

F. 6 strikes

G. 7 strikes

H. 12 strikes

I. 16 strikes

14.

15. Eva and her 2 brothers are going to the movies. Each ticket costs \$7. How much do they pay in all?

A \$9

B. \$14

C. \$20

D. \$2.

Name ______Date ____

Chapter 3

Read each question carefully. Write the letter for your answer on the line provided.

Find the unknown number.

1.
$$2 \times 3 = \Box$$

A. 5

C. 12

2.
$$4 \times 9 =$$

F. 5

H. 27

A. 0

C. 9

4.
$$\times$$
 8 = 40

F. 4

H. 6

Use repeated subtraction to divide.

5.
$$8 \div 2 =$$

A. 16

B. 10

C. 6

D. 4

6.
$$15 \div 5 =$$

F. 1

G. 2

H. 3

I. 4

7.
$$24 \div 8 =$$

A. 16

B. 8

C. 3

D. 2

Use multiplication or division to complete the equation.

8. 2 times as many



F. 6

G. 8

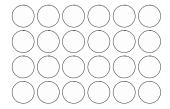
H. 10

I. 15

(continued)

Solve.

9. The figure below is a model for $4 \times 6 = 24$.



Which number sentence is in the same fact family?

A.
$$24 \times 6 = 144$$

C.
$$24 \div 4 = 6$$

B.
$$20 \div 5 = 4$$

D.
$$20 \div 4 = 5$$

10. Identify multiples for the number 5.

11. Find the factors of the number 6.

- **12.** Identify the property or rule shown. $3 \times 1 = 3$
 - F. Ones in Division
 - G. Identity Property of Multiplication
 - H. Commutative Property of Multiplication
 - I. Associative Property of Multiplication

- **13.** Kami runs 3 laps on the track every day. Cindy runs 4 times as many. How many laps does Cindy run?
 - **A.** 15 laps
- **B.** 12 laps
- **C.** 8 laps
- **D.** 7 laps
- 13. ____

- **14.** Taylor made 16 baskets at his basketball game Saturday. This is 4 times as many as last Saturday. How many baskets did Taylor make last Saturday?
 - F. 2 baskets
- **G.** 4 baskets
- H. 12 baskets
- I. 20 baskets
- 14. ____

- **15.** Scott and his 3 brothers are going to the movies. Each ticket costs \$6. How much do they pay in all?
 - **A.** \$9
- **B.** \$14
- **C.** \$18
- **D.** \$24
- 15. ____

Read each question carefully. Write the letter for your answer on the line provided.

Find the unknown number.

1.
$$6 \times 3 =$$

A. 3

C. 18

1. ____

F. 1

H. 4

2. ____

3.
$$3 \times 2 \times \boxed{} = 36$$

A. 4

C. 6

3. ____

F. 16

H. 6

4. ____

A. 2

B. 3

C. 4

D. 16

5. ____

6.
$$10 \div \boxed{} = 2$$

F. 12

G. 8

H. 5

I. 4

6. ____

7. Identify the property or rule shown.

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

- **A.** Associative Property of Multiplication
- **B.** Commutative Property of Multiplication

C. Identity Property of Multiplication

D. Ones in Division

7. _____

Use multiplication or division to complete the equation.

8. 5 times as many



8.

69

(continued)

Solve.

- 9. John has \$10. Hannah has 8 times as much money as John. How much money does Hannah have?
 - **A.** \$2
- **B.** \$18
- **C.** \$80
- **D.** \$90
- 9. _____
- **10.** Maya has 24 eggs. This is 3 times as many eggs as Tasha has.

How many eggs does Tasha have?

- **F.** 21 eggs
- **G.** 12 eggs
- H. 8 eggs
- I. 4 eggs
- 10.

Write your answer on the line provided.

11. The figure below is a model for $7 \times 6 = 42$.

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11. _____

Write a number sentence that is in the same fact family.

12. Identify three multiples for the number 4.

13. Find the factors of the number 36.

13.

Use the table for Exercises 14 and 15.

Items Sold at a Grocery Store			
Item	Number Sold		
apples	16		
oranges	8		
bananas	12		

14. How many more apples were sold than bananas?

15. Which fruit sold 2 times as many as oranges?

(Lessons 1 through 4)

Multiply. Use basic facts and patterns.

1.
$$2 \times 40 =$$

2.
$$3 \times 50 =$$

3.
$$4 \times 500 =$$

4.
$$7 \times 2,000 =$$

Estimate. Round to the greatest place value.

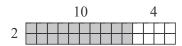
5. Manny has 8 photo albums. There are 67 pictures in each album. About how many photos does Manny have?

5. _____

6. Heather is selling candy bars for her school fundraiser. She sold 176 candy bars each month for 3 months. About how many candy bars did she sell?

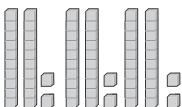
6. _____

Multiply.





8. 3 × 22 =



Draw models to solve.

9. Bruce has 4 tomato plants in his garden. Each tomato plant has 13 tomatoes. How many tomatoes does Bruce have? 9. _____

10. Andre is a football quarterback. He scored 24 points in each of his last 4 football games. How many total points did he score?

10. _____

Name

Date

Chapter 4

(Lessons 5 through 9)

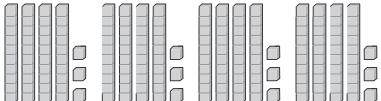
Multiply. Check for reasonableness.

1.
$$33 \times 3 =$$

3.
$$21 \times 4 =$$

4.
$$3 \times 15 =$$





6.
$$35 \times 3 =$$

Use the Distributive Property to multiply.

8.
$$34 \times 6 =$$

9.
$$16 \times 9 =$$

10.
$$27 \times 8 =$$

Solve.

- 11. A family of 4 drinks about 192 gallons of milk in a year. How many gallons of milk will they drink in 3 years?
- 12. Clay sleeps 485 minutes each night. How many minutes of sleep will Clay get in 1 week?

- 11.
- 12. _____

Name _____Date ____

Chapter 4

Read each question carefully. Write the letter for your answer on the line provided.

A. 0

B. 30

C. 40

D. 130

1. ____

2.
$$100 \times 3 =$$

F. 30

G. 103

H. 200

I. 300

2. ____

A. 250

B. 2,500

C. 5,205

D. 25,000

3. _____

4.
$$4 \times 2,000 =$$

F. 600

G. 800

H. 6,000

I. 8,000

4. ____

5.
$$54 \times 3 =$$

A. 57

B. 98

C. 150

D. 162

5. ____

6.
$$132 \times 4 =$$

F. 528

G. 400

H. 398

I. 136

6. ____

7.
$$2,196 \times 2 =$$

A. 1,652

B. 2,784

C. 4,392

D. 5,294

7. ____

(continued)

8. Barney has 103 model cars. Ryan has 2 times as many model cars. How many model cars does Ryan have?

F. 52 cars

H. 206 cars

G. 105 cars

I. 300 cars

8. ____

9. Carly uses 1,021 minutes each month on her cell phone. How many minutes will she use in 3 months?

A. 1,024 minutes

C. 3,063 minutes

B. 2,042 minutes **D.** 4,056 minutes

9.

Use the table for Exercises 10 and 11.

Number of Pages Read in One Month			
Tom	592		
Callie	1,032		
Sam	845		

- 10. If Tom reads the same number of pages next month, about how many pages will he have read in 2 months?
 - **F.** 600 pages
- **H.** 1,100 pages
- **G.** 1,000 pages
- **I.** 1,200 pages

10. ___

- 11. Callie reads the same number of pages each month. How many pages will she have read after 4 months? Is an estimate or exact answer needed?
 - **A.** 4,000; estimate
 - **B.** 4,000; exact
 - **C.** 4,128; estimate
 - **D.** 4,128; exact

11. ____

Name _____Date ____

Chapter 4

Read each question carefully. Write the letter for your answer on the line provided.

A. 0

B. 20

C. 30

D. 120

1. ____

2.
$$200 \times 3 =$$

F. 200

G. 203

H. 500

I. 600

2. ____

3.
$$5 \times 300 =$$

A. 8,000

B. 1,500

C. 800

D. 150

3. _____

4.
$$3 \times 3,000 =$$

F. 9,000

G. 6,000

H. 900

I. 600

4. ____

5.
$$21 \times 3 =$$

A. 24

B. 63

C. 103

D. 230

5. ____

6.
$$145 \times 4 =$$

F. 42

G. 58

H. 420

I. 580

6. ____

7.
$$1,317 \times 2 =$$

A. 985

B. 1,984

C. 2,634

D. 3,567

7. _____

(continued)

8. Corbin has 204 model cars. Mark has 2 times as many model cars. How many model cars does Mark have?

F. 567 cars

H. 206 cars

G. 408 cars

I. 102 cars

8. ____

9. Sally uses 1,043 minutes each month on her cell phone. How many minutes will she use in 3 months?

A. 1,265 minutes

C. 3,129 minutes

B. 2,086 minutes

D. 4,029 minutes

9. ____

Use the table for Exercises 10 and 11.

Number of Pages Read in One Month			
Juan	412		
Rita	2,104		
Ali	723		

10. If Juan reads the same number of pages next month, about how many pages will he have read in 2 months?

F. 400 pages

H. 900 pages

G. 800 pages

I. 1,000 pages

10. ____

11. Rita reads the same number of pages each month. How many pages will she have read after 3 months? Is an estimate or exact answer needed?

A. 6,000; estimate

B. 6,000; exact

C. 6,312; estimate

D. 6,312; exact

Read each question carefully. Write the letter for your answer on the line provided.

2.
$$10 \times 6 =$$

3.
$$300 \times 2 =$$

4.
$$5 \times 500 =$$

5.
$$3 \times 4,000 =$$

7.
$$27 \times 3 =$$

9.
$$1,692 \times 5 =$$

(continued)

10. Mitch has 305 marbles. Paul has 3 times as many marbles. How many marbles does Paul have?

F. 610 marbles

H. 938 marbles

G. 915 marbles

I. 1,205 marbles

10.

11. Elizabeth has 2,038 stamps in an album. How many stamps will she have in 4 albums?

A. 9,000 stamps

C. 8,152 stamps

B. 8,482 stamps

D. 3,786 stamps

11.

Use the table for Exercises 12 through 14.

Number of Shells Collected			
in One Week			
Group 1	2,632		
Group 2	2,018		
Group 3	821		
Group 4	320		

- **12.** If Group 3 collects the same number of shells in a second week, about how many shells will they have collected in those 2 weeks?
- 12. _____
- **13.** Group 2 collects the same number of shells each week. How many shells will they collect in 4 weeks? Is an estimate or exact answer needed?
- 13.
- **14.** Each Group collects the same number of shells each week. About how many shells will Groups 1 and 4 collect in all after 3 weeks? Is an estimate or exact answer needed?

(Lessons 1 through 2)

1. 12 × 30

2. 40 × 18

3. 50 × 34

4. 87 × 70

5. 10 × 93 1. _____

2. _____

3. _____

4. _____

5. _____

Solve.

6. Taylor reads 14 pages of a book each week. How many pages will she read in 20 weeks?

7. A black mamba snake can travel 28 feet per second. How far can a black mamba travel in 60 seconds?

8. Ryan runs 55 miles each month. There are 12 months in a year. About how many miles does Ryan run in a year?

9. Suzy is driving on a road with a speed limit of 65 miles per hour. If she drives for 11 hours on this road, estimate how many miles she will drive.

10. Jayden practices the piano 25 minutes each day. About how many minutes does he practice the piano in 31 days?

11. A zoo feeds the monkeys 13 pounds of monkey biscuits each week. About how many pounds of monkey biscuits do they feed the animals in 28 weeks?

12. Tickets to an amusement park cost \$46 per person. Estimate how much 32 tickets would cost.

6.

7. _____

8. _____

9. _____

10.

11. _____

12. _____

Read each question carefully. Write the letter for your answer on the line provided.

Multiply.

A. 0

B. 4

C. 60

D. 75

1. ____

F. 457

G. 299

H. 123

I. 36

2. _____

A. 7

B. 121

C. 2,375

D. 3,648

3. ____

F. 530

G. 480

H. 250

I. 140

4. ____

A. 355

B. 423

C. 629

D. 729

5. ____

F. 730

G. 932

H. 1,178

I. 1,326

6.

A. 1,340

B. 984

C. 786

D. 537

(continued)

Use the table below to solve Exercises 8 through 10.

The Book Loft's three most popular books are *Mary's Lamb*, *Bees' Knees*, and *Cat's Meow*.

Average Orders of Books per Month			
Mary's Lamb	10		
Bees' Knees	36		
Cat's Meow	53		

- **8.** How many copies of *Mary's Lamb* would the bookstore sell in 1 year? (*Hint:* One year has 12 months.)
 - **F.** 1,100
- **G.** 120
- **H.** 45

- **I.** 22
- 8. _____

- **9.** How many copies of *Bees' Knees* would the bookstore sell in 2 years?
 - **A.** 864
- **B.** 498
- **C.** 324
- **D.** 283
- 9.
- 10. How many copies of all 3 books will the bookstore sell in 1 year?
 - **F.** 3,721
- **G.** 2,456
- **H.** 1,567
- **I.** 1,188
- 10.

Estimate.

- **11.** 34 × 10 =
 - **A.** 400
- **B.** 300
- **C.** 40
- **D.** 30
- 11. ____

- **12.** 78 × 29 =
 - **F.** 2,000
- **G.** 2,400
- **H.** 3,500
- **I.** 5,000
- 12. ____

- **13.** 56 × 32 =
 - **A.** 1,500
- **B.** 1,800
- **C.** 2,000
- **D.** 2,400
- 13.

- **14.** 83 × 41 =
 - **F.** 4,500
- **G.** 3,600
- **H.** 3,200
- **I.** 2,500
- 14.

Name _____Date ____

Chapter 5

Read each question carefully. Write the letter for your answer on the line provided.

Multiply.

6.
$$95 \times 22 =$$

7.
$$38 \times 21 =$$

(continued)

Use the table below to solve Exercises 8 through 10.

The Book Loft's three most popular books are *Mary's Lamb*, *Bees' Knees*, and *Cat's Meow*.

Average Orders of Books per Month			
Mary's Lamb	20		
Bees' Knees	34		
Cat's Meow	44		

- **8.** How many copies of *Mary's Lamb* would the bookstore sell in 1 year? (*Hint:* One year has 12 months.)
 - **F.** 360
- **G.** 240
- **H.** 45

- **I.** 20
- 8. _____

- **9.** How many copies of *Bees' Knees* would the bookstore sell in 2 years?
 - **A.** 340
- **B.** 708
- **C.** 816
- **D.** 928
- 9. ____
- 10. How many copies of all 3 books will the bookstore sell in 1 year?
 - **F.** 976
- **G.** 1,176
- **H.** 2,421
- I. 2,922
- 10.

Estimate.

- **11.** 19 × 10 =
 - **A.** 300
- **B.** 200
- **C.** 100
- **D.** 90
- 11. ____

- **12.** 46 × 23 =
 - **F.** 1,000
- **G.** 2,000
- **H.** 4,000
- **I.** 6,000
- 12.

- **13.** 42 × 27 =
 - **A.** 800
- **B.** 1,000
- **C.** 1,200
- **D.** 1,500
- 13. ____

- **14.** 51 × 31 =
 - **F.** 1,200
- **G.** 1,350
- **H.** 1,500
- I. 2,000
- 14. ____

Read each question carefully. Write the letter for your answer on the line provided.

Multiply.

7.
$$90 \times 73 =$$

Cha	apter 5	5	(continued)			
Use the table below to solve Exercises 9 through 11. The Book Loft's three most popular books are Mary's Lamb, Bees' Knees, and Cat's Meow.						
		Average Order	s of Books per Month			
		Mary's Lamb	54			
		Bees' Knees	83			
		Cat's Meow	152			
2	How many control years?	opies of <i>Mary's La</i> B. 1,296	mb would the bookstore se	ell in D. 54	9	
0:	10. How many more copies of <i>Cat's Meow</i> would the bookstore sell in one year, than <i>Mary's Lamb</i> ?					
1	F . 468	G. 576	H. 872	I. 1,176	10	
11. <i>Bee's Knees</i> sells for \$13. How much money would the bookstore make for one month?						
A	1. \$489	B. \$876	C. \$1,079	D. \$12,948	11	
Write your answer on the line provided.						
Estim	ate.				12	
12. 9	1 × 10 =	13.	43 × 37 =		13	
14. The average person eats 60 hot dogs per year. Rita is 86 years old. About how many hot dogs would she have eaten during her lifetime? (Round to the nearest ten.)				14		
15. The school is buying new art supplies for each of the 16 classes. The art supplies cost \$88 per class. About how much will the school spend on new art supplies? (Round to the nearest ten.)				15		

Name ______Date _____

(Lessons 1 through 6)

Divide. Use patterns and place value.

1.
$$440 \div 4 =$$

2.
$$1,800 \div 3 =$$

Use mental math to estimate the unknown number.

4.
$$475 \div 4 = x$$

5.
$$536 \div y = 60$$

6.
$$4,210 \div 6 = s$$

Divide. Use multiplication to check.

8.
$$45 \div 4 =$$

Solve.

10. Samantha has 85 beads to make 3 bracelets.

If she uses the same number of beads for each bracelet, how many beads will she have left over?

Explain.



11. A bakery has an order for 80 cupcakes. Each box holds 8 cupcakes. How many boxes are needed?

11. _____

Read each question carefully. Write the letter for your answer on the line provided.

A. 6

C. 13

1. ____

F. 10 R6

H. 10

2. _____

3.
$$12 \div 8 =$$

A. 1 R4

B. 2 R4

C. 3

D. 4

3. ____

F. 5

G. 10

H. 18

I. 22

4. ____

A. 5

B. 8

C. 50

D. 80

5. ____

6.
$$90 \div 3 =$$

F. 3

G. 6

H. 30

I. 60

6. ____

7.
$$124 \div 3 =$$

A. 30 R4

B. 41 R1

C. 311 R1

D. 404

7. _____

8.
$$1,015 \div 2 =$$

F. 410 R5

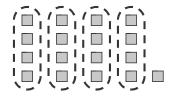
G. 492 R1

H. 507 R1

I. 575

(continued)

9. Which division sentence does the model show?



A. $4 \div 17 = 5$

C. $17 \div 4 = 4$

B. $4 \div 17 = 4 \text{ R}1$

D. $17 \div 4 = 4 \text{ R}1$

9. ____

- **10.** Mia had 38 crackers. She gave an equal amount to her 3 friends. How many crackers were left over?
 - **F.** 1
- **G.** 2
- **H.** 3

- **I.** 4
- 10. ____

- **11.** Estimate $113 \div 6$.
 - **A.** 10
- **B.** 20
- **C.** 30
- **D.** 40
- 11. ____

- **12.** There are 19 cereal bars and 6 people. Can each person have 3 cereal bars?
 - **F.** yes, with 2 left over
- H. no, they can have 2
- **G.** yes, with 1 left over

I. no, they can have 1

12. ____

13. Fill in the pattern.

$$6 \div 3 = 2$$

$$60 \div 3 = 20$$

$$600 \div 3 = \Box$$

- **A.** 10
- **B.** 100
- **C.** 200
- **D.** 2,000
- 13. ____
- **14.** Tara has 3 boxes of books. Each box has 48 books. Tara divides the books among 6 friends. How many books will each friend get?
 - **F.** 144
- **G.** 30
- **H.** 24
- **I.** 20
- 14. ____

- **15.** In 3 months, 6,234 people visited Sandyside Beach. The same number of people visited each month. How many people visited the beach each month?
 - **A.** 1,011 R1
- **B.** 2,078
- C. 2,411 R1
- **D.** 3,117
- 15. ____