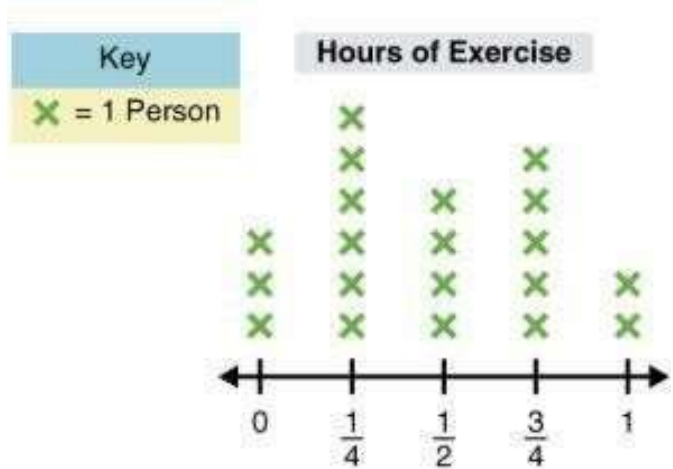


GRADE 5 - MATHEMATICS

REVISION WORKSHEETS (Measurements and Data)

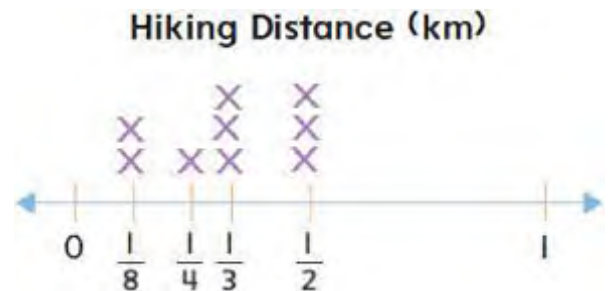
1. find the number of people who complete $\frac{3}{4}$ of an hours of exercise.

- A) 5 C) 6
B) 7 D) 8



2. Which is the correct fair share for the measurements shown in the line plot ?

- A) $\frac{1}{6}$ km C) $\frac{1}{2}$ km
B) $\frac{1}{3}$ km D) $\frac{2}{3}$ km

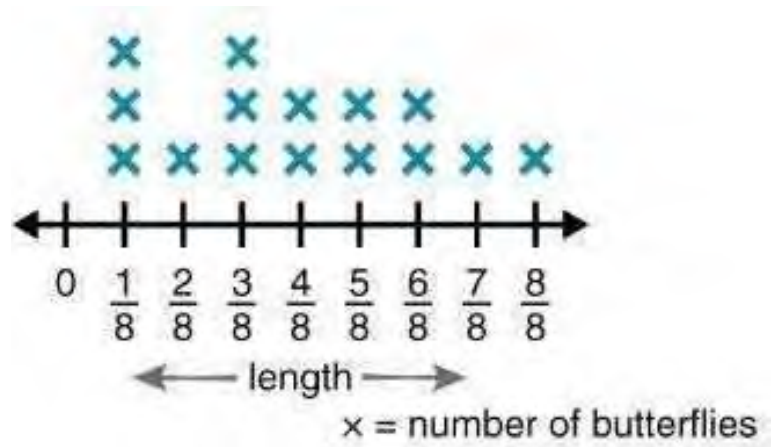


3. Meera is reading a book. The book's thickness is 31 mm. which is the correct thickness in centimeters?

- A) 3.001 cm C) 3.01 cm
B) 3.1 cm D) 3.11 cm

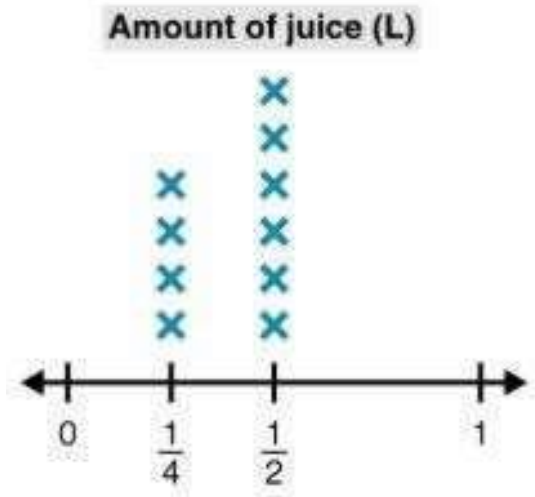
4. The total number of butterflies measured by Latifa :

- a. 12 b. 15
c. 13 d. 11



5. The fair share is:

- A) 1 c) 1
5 10
B) 7 d) 2
10 5



6. The length of the leaf in millimeter:

- A) 5 mm c) 50 mm
B) 500 d) 0.5mm



7. The depth of a lake is 1,400m . what is the depth on kilometers?

- A) 0.14 km c) 14 km
B) 1.4 km d) 140 km

8. For a science experiment. Sara measured a piece of metal that has a mass of 3,500 g. what is the mass of the metal in kilograms?

A) 0.35 *kg* C) 35 *kg*

B) 3.5 *kg* D) 350*kg*

9. A soup bowl can hold about 400 mL of a soup. A restaurant has 8L of vegetable soup. How many bowls of soup can they serve?

A) 500 *bowls* C) 50 *bowls*

B) 200 *bowls* D) 20 *bowls*

10. The Capacity of a container is which of the following?

A) *the elapsed time* C) *the metric unit*

B) *the customary unit* D) *the amount that it can hold*

11. Metric units of mass are measured in which of the following?

A) *meters and centimeters* C) *minutes and hours*

B) *kilograms and grams* D) *days and weeks*

12. Metric units of length are measured in which of the following?

A) *meters and centimeters* C) *minutes and hours*

B) *kilograms and grams* D) *days and weeks*

13. Complete. Use $<$, $>$, $=$. to make a true statement.

1. 30 cm 300 mm

2. 17 m 116 cm

3. 4.8 km 4,800 m

4. 1.5 m 145 cm

5. 25 mm 3 cm

6. 3,000 g 3 kg

7. 5 kg 6,000 g

8. 4,840 g 5 kg

9. 1.75 kg 1,750 g

10. 2,300 mg 2 g

14. Complete.

a) 300 cm = _____ m	b) 500 mm = _____ cm
c) 1.7 km = _____ cm	d) 2 km = _____ m
e) 6 cm = _____ mm	f) 238 cm = _____ m
g) 2,400 mm = _____ m	h) 175 mm = _____ m
i) 7 m = _____ km	j) 2,000 mg = _____ g
k) 80 g = _____ mg	l) 0.75 kg = _____ mg
m) 6 kg = _____ g	n) 135,000 mg = _____ kg
o) 70 L = _____ mL	p) 10 mL = _____ L
q) 1.2 L = _____ mL	r) 3,500 mL = _____ L

15. The frequency table shows items sold at a school store.

1. The best seller: _____

2. Item sold once: _____

3. How many items are sold altogether:

4. The least popular item: _____

Items Sold at School Store		
Item	Tally	Frequency
Eraser		5
Bottle of glue		0
Pencil		8
Scissors		1

16. Which set of data is shown in the frequency table?

A) 15, 15, 16, 18, 19, 19, 19

B) 15, 16, 17, 18, 19, 19, 19

C) 15, 15, 16, 16, 18, 18, 19

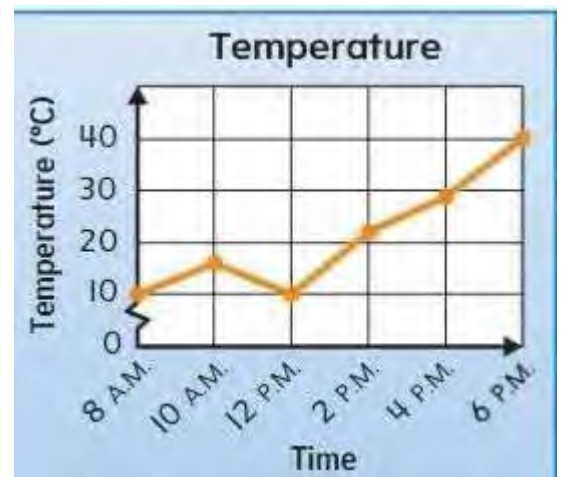
D) 15, 16, 16, 17, 18, 19, 19

Price (AED)	Tally	Frequency
15		2
16		1
17		0
18		1
19		3

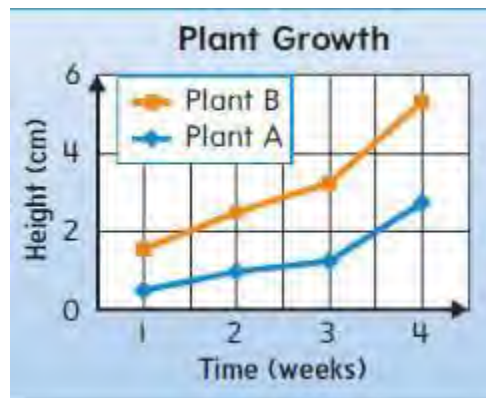
17. This graph shows hourly temperature data. Find the hottest and coldest temperature.

The Warmest temperature : _____

The coldest temperature : _____

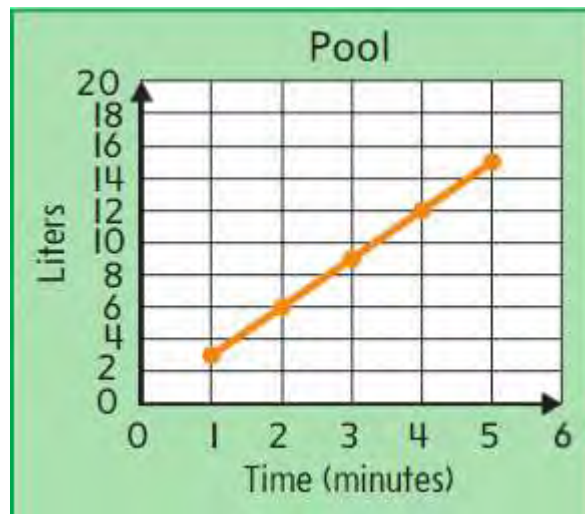


18. which of the following statement is true :



- A) After two weeks, plant A is taller than plant B.
- B) The plants are not growing.
- C) Both plants grew the most between weeks 3 and 4 .
- D) Both plants grew the most during the first week .

19. The graph shows the number of liters in a pool as it is being filled.



- 1) How many liters were in the pool after 2 minutes : _____
- 2) How many liters do you think will be in the pool after 8 minutes : _____

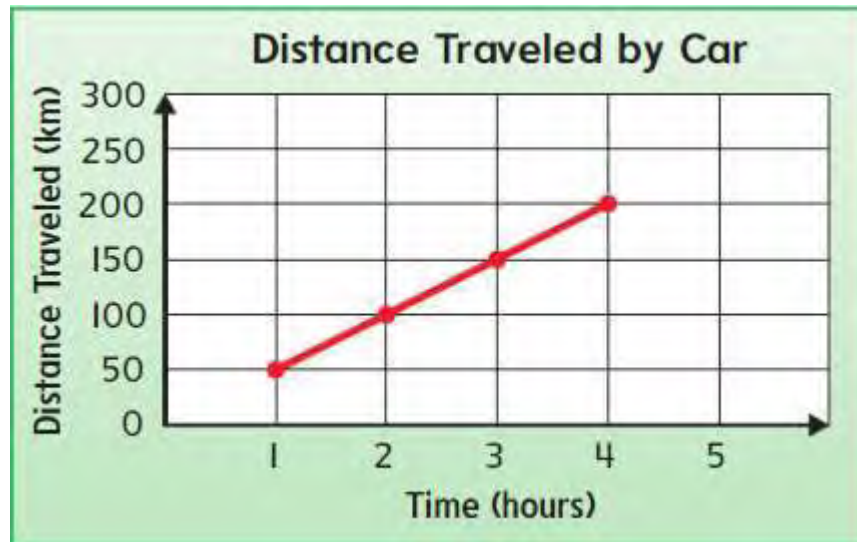
- A) 3
- B) 15
- C) 4
- D) 5

-
- A line graph titled "Words Read" showing the relationship between time and the number of words read. The x-axis is labeled "Time (min)" and ranges from 1 to 5. The y-axis is labeled "Words" and ranges from 0 to 600. The graph shows a straight line passing through the points (1, 100), (2, 200), (3, 300), (4, 400), and (5, 500).
- | Time (min) | Words |
|------------|-------|
| 1 | 100 |
| 2 | 200 |
| 3 | 300 |
| 4 | 400 |
| 5 | 500 |

1. how many words were read in 2 minutes ? _____
2. How many words were read in 5 minutes ? _____
3. At this rate, how many words will be read in 6 minutes ?

4. Will there be more or fewer than 800 words read at 7 minutes:_____

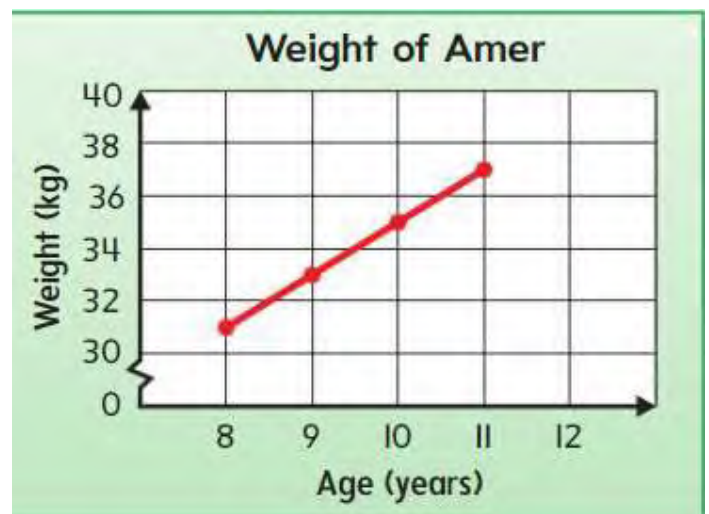
22. The car shows the distance a car travels .



1. how many kilometers did the car travel in 2 hours: _____
2. What distance did the car travel between 2 and 4 hours: _____
3. About how long would it take to travel 450 km : _____

23. Amer's weight is shown on the line graph. At this rate, predict what Amer's weight will be when he is 12 years old ?

- A) 36 kg C) 40 kg
B) 50 kg D) 45 kg



24. The line graph shows the height of a tree .



- (a) What is the scale of horizontal axis ? _____
- (b) About how many meters did the tree grow between years 1 and 4 ? _____
- (c) About how tall was the tree after $1\frac{1}{2}$ years ? _____

25. Find the mean .

Laps				
5	2	7	2	4

26. The mean = 4
Data set = 7, 3, ?, 4, 1
Find the missing value.

27. The data set : 5, 3, 8, 7, 4, 9 Find the mean .

28. Given the line plot, fill the blank.

- Which value occurred the **most** :.....
- Which value occurred the **least** :.....
- How many times do **all** fractions **appear**?
- How many times does each fraction **appear**:

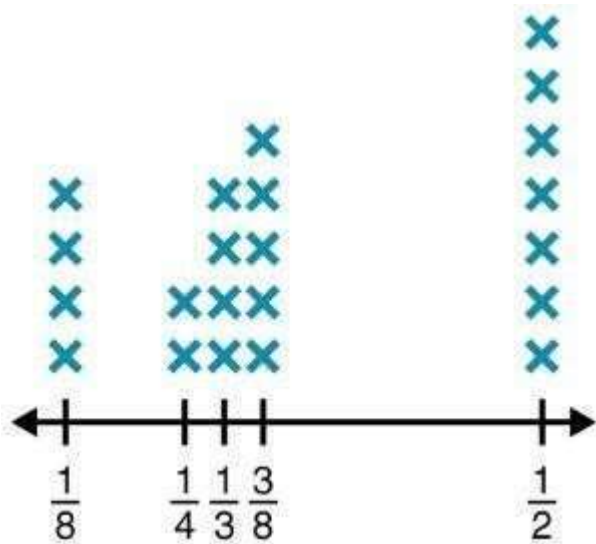
(a) $\frac{1}{8}$ =

(b) $\frac{1}{4}$ =

(c) $\frac{1}{3}$ =

(d) $(\frac{3}{8})$ =

(e) $(\frac{1}{2})$ =



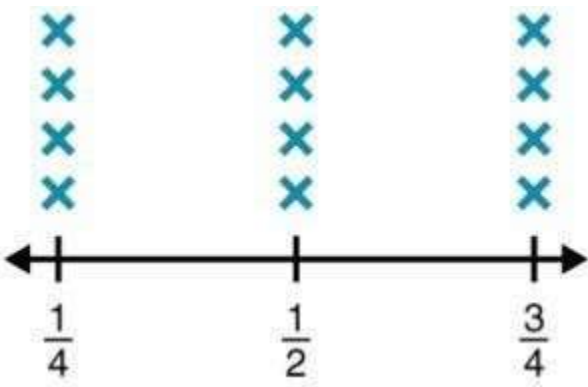
29. Given the line plot, fill the blank.

$\frac{1}{4}$ appears times

$\frac{1}{2}$ appears times

$\frac{3}{4}$ appears times

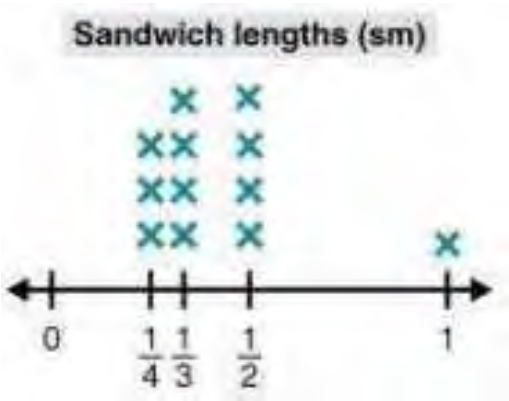
Find the fair share:



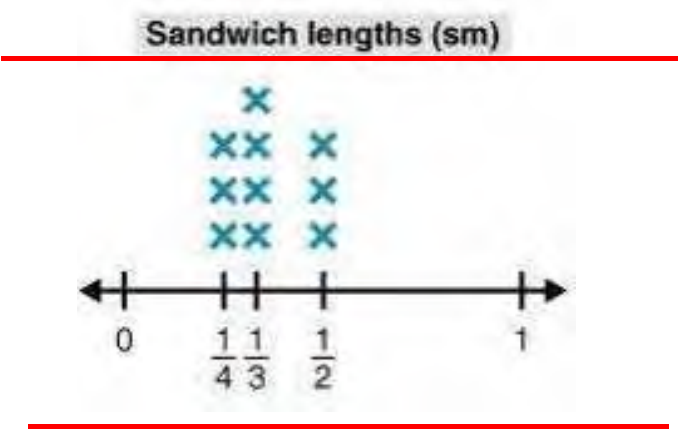
30. The appropriate line plot for the data set :

Sandwich lengths (30 cm)				
$\frac{1}{3}$	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{2}$	$\frac{1}{3}$
$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$

a.



b.



31. Given the data set, fill the blank :

$\frac{2}{5}$ $\frac{2}{5}$ $\frac{2}{5}$ $\frac{2}{5}$ $\frac{1}{5}$ $\frac{1}{5}$

(a) $\frac{2}{5}$ appears times

(b) $\frac{1}{5}$ appears..... times

(c) Find fairshare

32. Given the data set, fill the blank:

$\frac{1}{8}$ appears..... times

$\frac{1}{2}$ appears..... times

$\frac{1}{4}$ appears..... times

Animal Weights (T)				
$\frac{1}{8}$	$\frac{1}{2}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{2}$
$\frac{1}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{4}$

(a) Which value occurred **the most** :

(b) Which value occurred **the least** :

(c) The **total** number of animals :

(d) Make a line plot :

(e) The **fair share** :

33. convert

1) 1,800mm=.....cm	2)9.5 m = cm	3) 240mm=.....cm
4) 4 m = km	5) 9 km = ...m	6) 45cm=... mm
7) 97 grams=.....kg	8) 321 g = kg	9) 3,500g=mg
10) 230g=mg	11) 1,250g=..... kg	

34. compare مقارنة < > =

1. 7 m 650 cm

2. 5 cm 44 mm

3. 45 cm 450 mm

4. 4.5 km 5,000 m

5. 30 cm 300 mm

6. 4.8 km 4,800 m

7. 2,300 mg 2 g

8. 3 kg 3,000 g

9. 4.5 kg 4,050 g

10. 4,120 mg 4.12 g

35. Choose the correct answer :

- 25,000grams=..... Kilograms
 - 0.25
 - 250
 - 25
 - 2.5
- 15grams=.....milligrams
 - 15,000
 - 0.015
 - 1,500
 - 0.15
- 12kilograms= grams
 - 120
 - 12,000
 - 1.2
 - 0.012
- 6,000milligrams= grams
 - 6
 - 6,000,000
 - 60
 - 600
- 5,000,000grams=..... kilograms
 - 500
 - 5,000
 - 5
 - 0.005
- 500milligrams=..... grams
 - 0.5
 - 500,000
 - 5
 - 0.005
- How many grams are there in 6 kilograms ?
 - 60
 - 6,000
 - 600
 - 0.006

8. 5 meters = Kilometers

- a. 0.005 b. 0.5 c. 0.05 d. 50

9. 20centimeters=Millimeters

- a. 2 b. 2,000 c. 0.2 d. 200

10. 130mm =cm

- a. 13,000 b. 1,300 c. 1.3 d. 13

11. 10 km =m

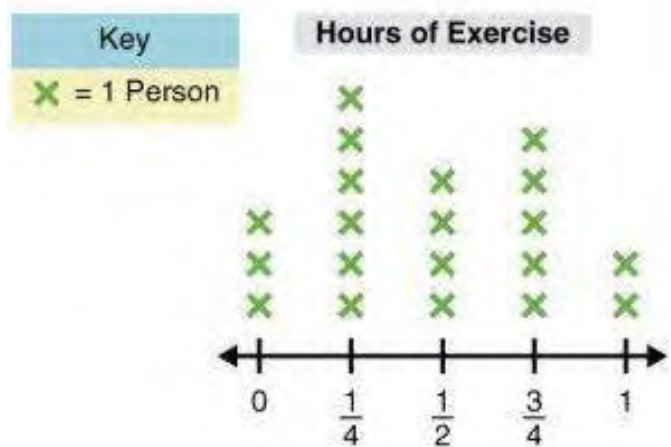
- a. 10,000 b. 0.1 c. 1,000 d. 0.0

GRADE 5 - MATHEMATICS

REVISION WORKSHEETS (Measurements and Data)

1. find the number of people who complete $\frac{3}{4}$ of an hours of exercise.

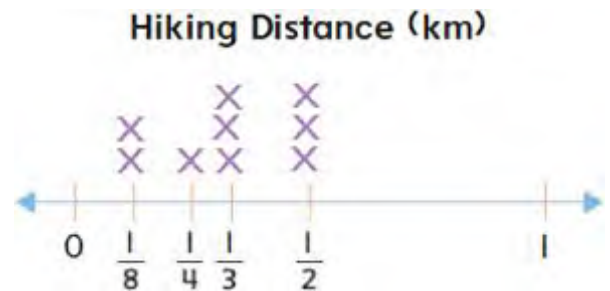
- A) 5 C) 6
B) 7 D) 8



Answer = 5

2. Which is the correct fair share for the measurements shown in the line plot ?

- A) $\frac{1}{6}$ km C) $\frac{1}{2}$ km
B) $\frac{1}{3}$ km D) $\frac{2}{3}$ km



Answer = $\frac{1}{3}$

3. Meera is reading a book. The book's thickness is 31 mm. which is the correct thickness in centimeters?

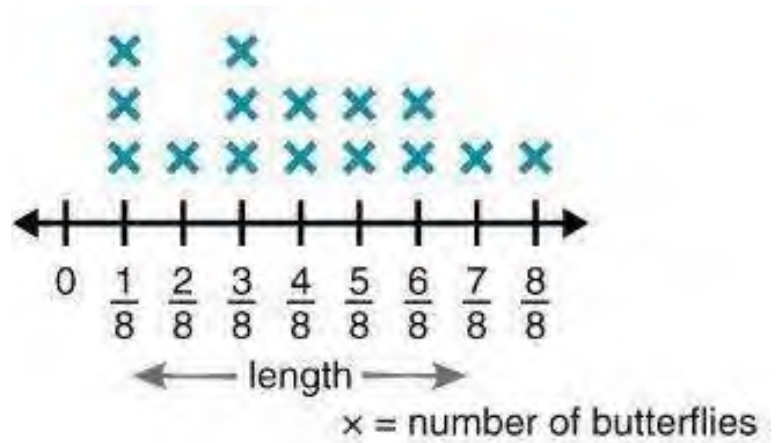
- A) 3.001 cm C) 3.01 cm
B) 3.1 cm D) 3.11 cm

Answer = 3.1 cm

4. The total number of butterflies measured by Latifa :

- a. 12 b. 15
c. 13 d. 11

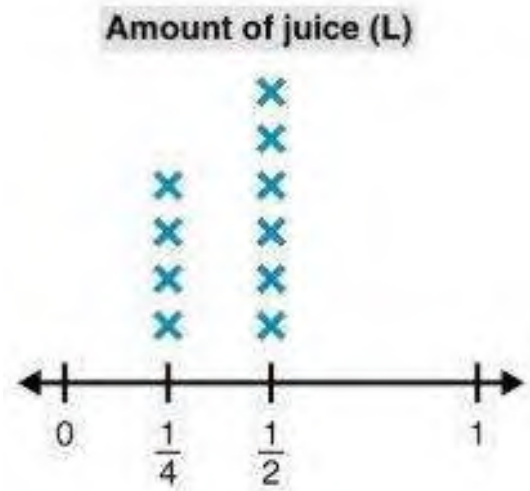
Answer = 15



5. The fair share is:

- A) 1 c) 1
5 10
B) 7 d) 2
10 5

Answer= 2/5



6. The length of the leaf in millimeter:

- A) 5 mm c) 50 mm
B) 500 mm d) 0.5 mm

Answer = 50 mm



7. The depth of a lake is 1,400m . what is the depth on kilometers?

- A) 0.14 km c) 14 km
B) 1.4 km d) 140 km

Answer = 1.4 km

8. For a science experiment. Sara measured a piece of metal that has a mass of 3,500 g. what is the mass of the metal in kilograms?

A) 0.35 kg C) 35 kg

Answer = 3.5 kg

B) 3.5 kg D) 350 kg

9. A soup bowl can hold about 400 mL of a soup. A restaurant has 8L of vegetable soup. How many bowls of soup can they serve?

A) 500 bowls C) 50 bowls

Answer = 20 bowls

B) 200 bowls D) 20 bowls

10. The Capacity of a container is which of the following?

A) the elapsed time C) the metric unit

Answer = amount it can hold

B) the customary unit D) the amount that it can hold

11. Metric units of mass are measured in which of the following?

A) meters and centimeters C) minutes and hours

Answer = kilograms and grams

B) kilograms and grams D) days and weeks

12. Metric units of length are measured in which of the following?

A) meters and centimeters C) minutes and hours

B) kilograms and grams D) days and weeks Answer = meters and centimeters

13. Complete. Use $<$, $>$, $=$. to make a true statement.

1. 30 cm $=$ 300 mm

2. 17 m $>$ 116 cm

3. 4.8 km $=$ 4,800 m

4. 1.5 m $>$ 145 cm

5. 25 mm $<$ 3 cm

6. 3,000 g $=$ 3 kg

7. 5 kg $<$ 6,000 g

8. 4,840 g $<$ 5 kg

9. 1.75 kg $=$ 1,750 g

10. 2,300 mg $>$ 2 g

14. Complete.

a) 300 cm = <u>3</u> m	b) 500 mm = <u>50</u> cm
c) 1.7 km = <u>170000</u> cm	d) 2 km = <u>2000</u> m
e) 6 cm = <u>60</u> mm	f) 238 cm = <u>2.38</u> m
g) 2,400 mm = <u>2.4</u> m	h) 175 mm = <u>0.175</u> m
i) 7 m = <u>0.007</u> km	j) 2,000 mg = <u>2</u> g
k) 80 g = <u>80000</u> mg	l) 0.75 kg = <u>750000</u> mg
m) 6 kg = <u>6000</u> g	n) 135,000 mg = <u>0.135</u> kg
o) 70 L = <u>70000</u> mL	p) 10 mL = <u>0.01</u> L
q) 1.2 L = <u>1200</u> mL	r) 3,500 mL = <u>3.5</u> L

15. The frequency table shows items sold at a school store.

1. The best seller: pencil

2. Item sold once: scissors

3. How many items are sold altogether:

14

4. The least popular item: bottle of glue

Items Sold at School Store		
Item	Tally	Frequency
Eraser		5
Bottle of glue		0
Pencil		8
Scissors		1

16. Which set of data is shown in the frequency table?

A) 15, 15, 16, 18, 19, 19, 19

B) 15, 16, 17, 18, 19, 19, 19

C) 15, 15, 16, 16, 18, 18, 19

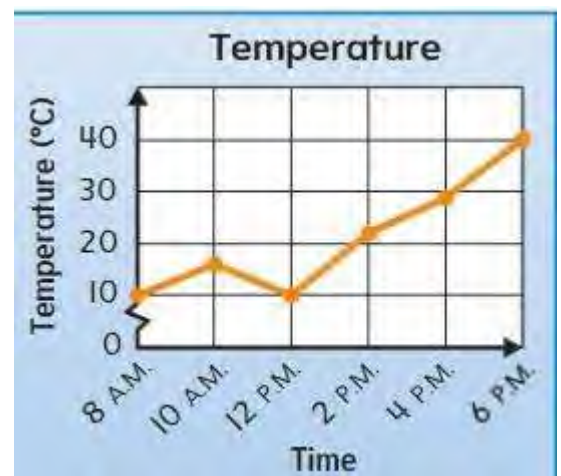
D) 15, 16, 16, 17, 18, 19, 19

Price (AED)	Tally	Frequency
15		2
16		1
17		0
18		1
19		3

17. This graph shows hourly temperature data. Find the hottest and coldest temperature.

The Warmest temperature : 40

The coldest temperature : 10

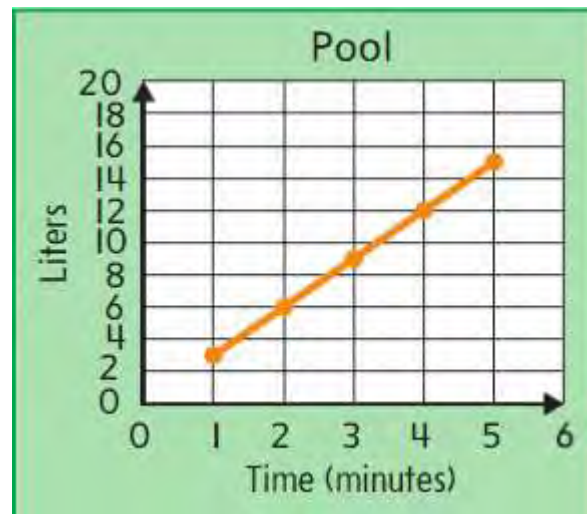


18. which of the following statement is true :



- A) After two weeks, plant A is taller than plant B.
- B) The plants are not growing.
- C) Both plants grew the most between weeks 3 and 4 .
- D) Both plants grew the most during the first week .

19. The graph shows the number of liters in a pool as it is being filled.



- 1) How many liters were in the pool after 2 minutes : 6
- 2) How many liters do you think will be in the pool after 8 minutes : 20

20. At school carnival, Zayed won the balloon dart games 1 out of every 5 times he played. If he plays the game 15 more times, about how many times can he expect to win ?

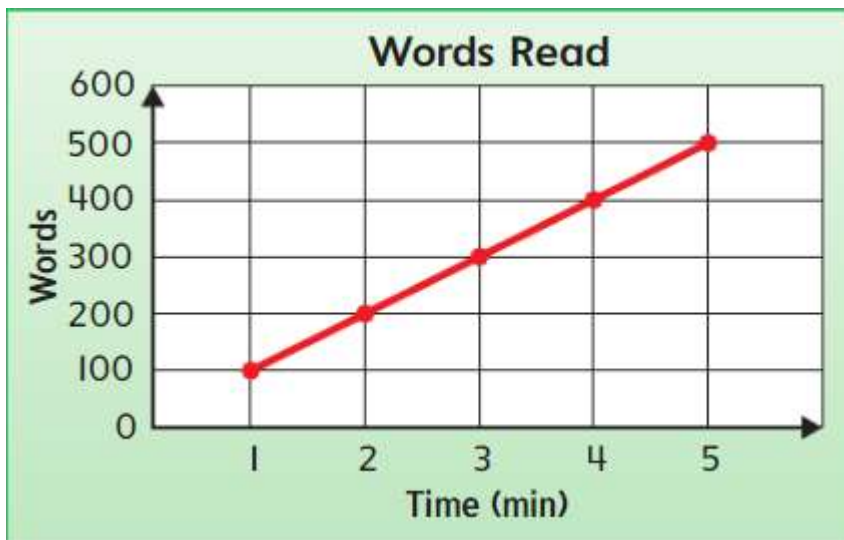
A) 3

C) 4

B) 15

D) 5

21. The graph shows the number or words read .



1. how many words were read in 2 minutes ? 200

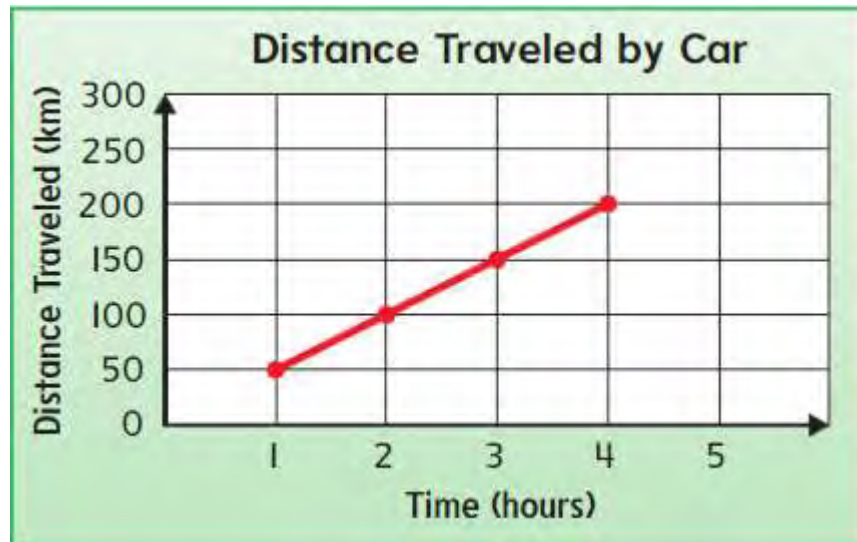
2. How many words were read in 5 minutes ? 500

3. At this rate, how many words will be read in 6 minutes ?

600

4. Will there be more or fewer than 800 words read at 7 minutes: fewer than
800

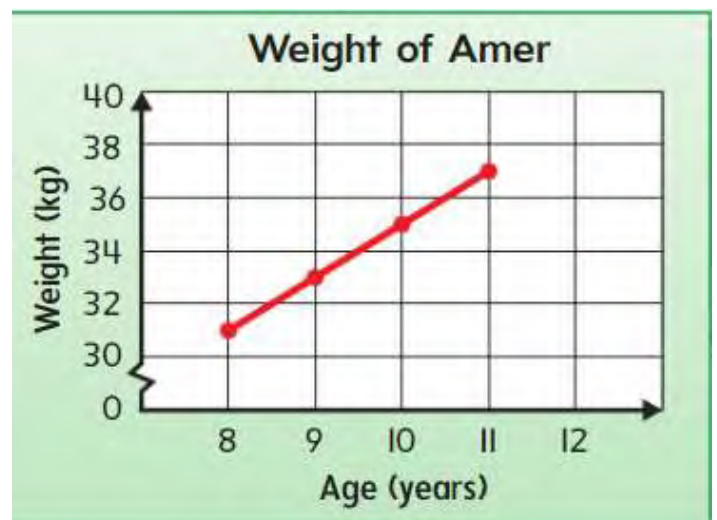
22. The car shows the distance a car travels .



1. how many kilometers did the car travel in 2 hours: 100
2. What distance did the car travel between 2 and 4 hours: 100
3. About how long would it take to travel 450 km : 9

23. Amer's weight is shown on the line graph. At this rate, predict what Amer's weight will be when he is 12 years old ?

- A) 36 kg C) 40 kg
B) 50 kg D) 45 kg
-



24. The line graph shows the height of a tree .



- (a) What is the scale of horizontal axis ? 10
- (b) About how many meters did the tree grow between years 1 and 4 ? 20 m
- (c) About how tall was the tree after $1\frac{1}{2}$ years ? 10 m

25. Find the mean .

Laps				
5	2	7	2	4

$$\frac{20}{5} = 4$$

26. The mean = 4
Data set = 7, 3, ?, 4, 1
Find the missing value.

$$4 \times 5 = 20$$

$$20 - 7 - 3 - 4 - 1 = 5$$

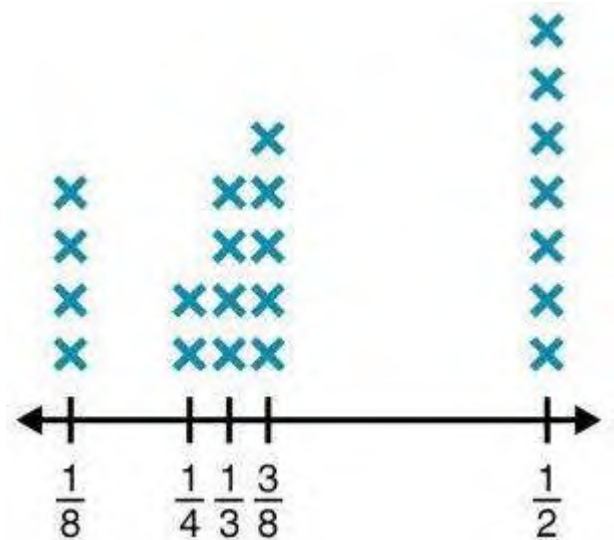
27. The data set : 5, 3, 8, 7, 4, 9 Find the mean .

$$5+3+8+7+4+9 = 36$$

$$\frac{36}{6} = 6$$

28. Given the line plot, fill the blank.

- Which value occurred the **most** :... **$\frac{1}{2}$** ...
- Which value occurred the **least** :... **$\frac{1}{4}$** ...
- How many times do **all** fractions **appear** :...**2**.....?
- How many times does each fraction **appear**:



(a) $\frac{1}{8} =$ **4**.....

(b) $\frac{1}{4} =$ **2**.....

(c) $\frac{1}{3} =$ **4**.....

(d) $\frac{3}{8} =$ **5**.....

(e) $\frac{1}{2} =$ **7**.....

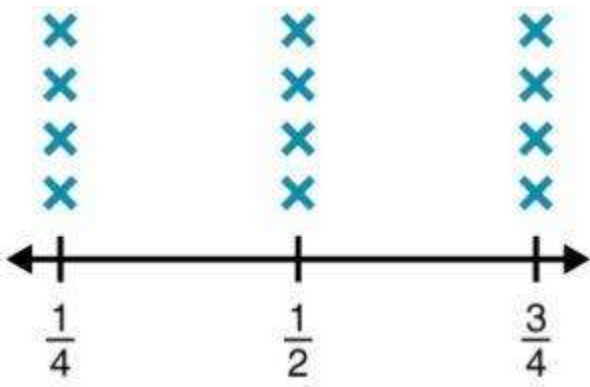
29. Given the line plot, fill the blank.

$\frac{1}{4}$ appears4..... times

$\frac{1}{2}$ appears4..... times

$\frac{3}{4}$ appears4..... times

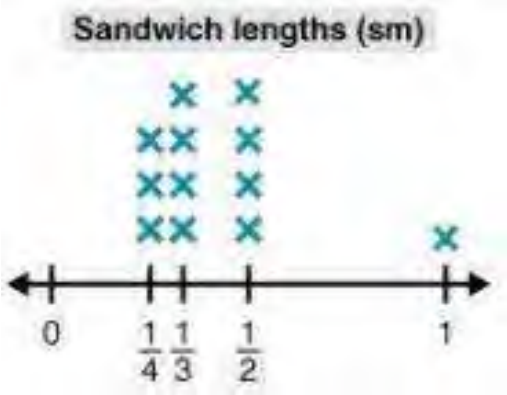
Find the fair share:1/2.....



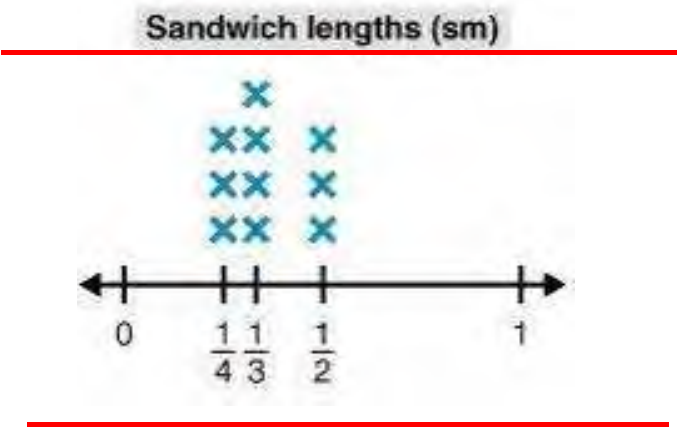
30. The appropriate line plot for the data set :

Sandwich lengths (30 cm)				
$\frac{1}{3}$	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{2}$	$\frac{1}{3}$
$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$

a.



b.



31. Given the data set, fill the blank :

$\frac{2}{5}$ $\frac{2}{5}$ $\frac{2}{5}$ $\frac{2}{5}$ $\frac{1}{5}$ $\frac{1}{5}$

(a) $\frac{2}{5}$ appears4..... times

(b) $\frac{1}{5}$ appears2..... times

(c) Find fairshare $\frac{1}{3}$

32. Given the data set, fill the blank:

$\frac{1}{8}$ appears4..... times

$\frac{1}{2}$ appears4..... times

$\frac{1}{4}$ appears2..... times

Animal Weights (T)				
$\frac{1}{8}$	$\frac{1}{2}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{2}$
$\frac{1}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{4}$

(a) Which value occurred the most : $\frac{1}{8}$ and $\frac{1}{2}$

(b) Which value occurred the least : $\frac{1}{4}$

(c) The total number of animals :10.....

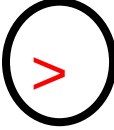
(d) Make a line plot :

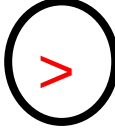
(e) The fair share : $\frac{3}{10}$

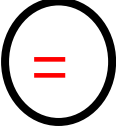
33. convert

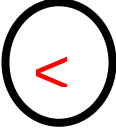
1) 1,800 mm = cm 180.0 cm	2) 9.5 m = cm 950 cm	3) 240 mm = cm 24.0 cm
4) 4 m = km 0.004 km	5) 9 km = ... m 9000 m	6) 45 cm = ... mm 4.5 mm
7) 97 grams = kg 0.097 kg	8) 321 g = kg 0.321 kg	9) 3,500 g = mg 3 500 000 mg
10) 230 g = mg 230 000 mg	11) 1,250 g = kg 1.2 kg	

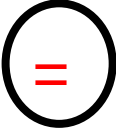
34. compare مقارنة < > =

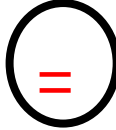
1. 7 m  650 cm

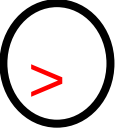
2. 5 cm  44 mm

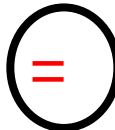
3. 45 cm  450 mm

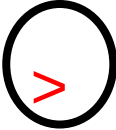
4. 4.5 km  5,000 m

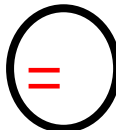
5. 30 cm  300 mm

6. 4.8 km  4,800 m

7. 2,300 mg  2 g

8. 3 kg  3,000 g

9. 4.5 kg  4,050 g

10. 4,120 mg  4.12 g

8. 5 meters = Kilometers

a. 0.005

b. 0.5

c. 0.05

d. 50

9. 20 centimeters = Millimeters

a. 2

b. 2,000

c. 0.2

d. 200

10. 130 mm = cm

a. 13,000

b. 1,300

c. 1.3

d. 13

11. 10 km = m

a. 10,000

b. 0.1

c. 1,000

d. 0.

Use this page for your rough work