



ALADWANA

Gem



Mathematics

الصف 4 الابتدائي

إجابات نماذج اختبارات الأضواء لشهر أبريل

الفصل الدراسي الثاني 2024 - 2025م

## Model (1)

3

### 1 Choose the correct answer:

a  $\frac{20}{100} + \frac{5}{10} = \dots\dots\dots$

(  $\frac{70}{10}$  ,  $\frac{7}{100}$  ,  $\frac{70}{100}$  , 0.07 )

b The two perpendicular lines are .....

( **intersecting** , parallel , obtuse angles , straight angles )

c 10.24 ..... 10.3

( < , > , = , ≥ )

7

### 2 Answer each of the following:

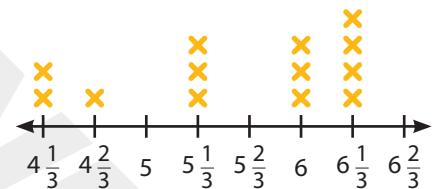
a Amal ate  $\frac{3}{10}$  of a pizza in the morning, and her sister ate  $\frac{25}{100}$  of the same pizza, **how much pizza did Amal and her sister eat together?**

**Answer:**

▶ Amal and her sister ate together =  $\frac{3}{10} + \frac{25}{100} = \frac{30}{100} + \frac{25}{100} = \frac{55}{100}$  of the pizza

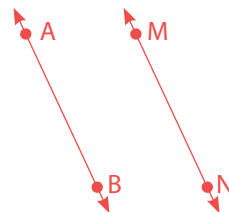
b From the opposite line plot, complete:

▶ The number which is most repeated is  $6\frac{1}{3}$



c Draw  $\overleftrightarrow{MN}$  parallel to  $\overleftrightarrow{AB}$ .

**Answer:**



d Salma went to the shop and bought  $\frac{9}{10}$  meter of cloth, her sister also went to the shop and bought  $\frac{50}{100}$  meter of cloth. **Who bought more cloth?**

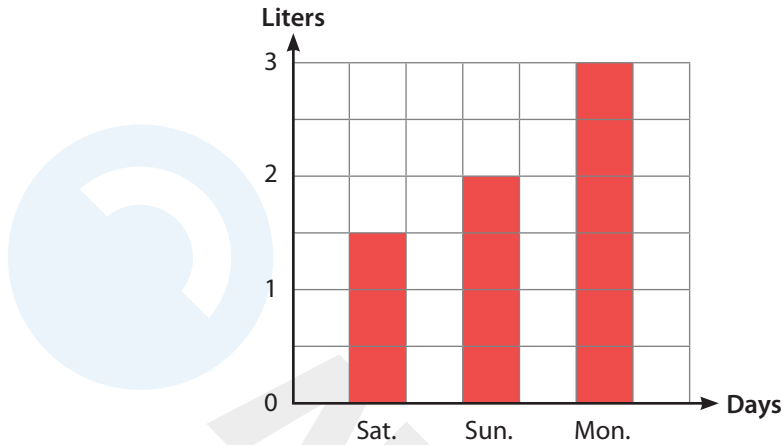
**Answer:**

▶ Salma bought =  $\frac{9}{10}$  , while her sister bought =  $\frac{50}{100} = \frac{5}{10}$  , then Salma bought more cloth than her sister

- e The following table shows the number of liters Salem drank during some days of the week. Represent data by a bar graph.

Days	Saturday	Sunday	Monday
Liters	$1\frac{1}{2}$	2	3

**Answer:**



- f Complete:

▶ The opposite figure is named a line.



- g Mention three types of graphs to represent data.

**Answer:**

▶ Line plot

▶ Bar graph

▶ Double bar graph

3

## 1 Choose the correct answer:

- a Which is a correct statement? (  $3.02 > 3.2$  ,  $1.24 < 1.04$  ,  $1 > 0.25$  ,  $6.2 = 6.02$  )
- b  $\frac{50}{100} = \frac{\dots\dots}{\dots\dots}$  (  $\frac{50}{10}$  ,  $\frac{3}{4}$  ,  $\frac{5}{10}$  , 0.05 )
- c The vertical and the horizontal rays on the graph are called ..... .  
( key , title , axes , labels )

7

## 2 Answer each of the following:

- a A wall of length 45 tenths of a meter, express the length as a decimal number, and what is the length in hundredths?

**Answer:**

- ▶ The length of the wall in decimal is 4.5 m
- ▶ The length in hundredths is 450 hundredths of a meter

- b Ahmed drank  $\frac{3}{10}$  L of water while training in the morning, then he drank  $\frac{35}{100}$  L of water while training in the evening. How much water did Ahmed drink while training that day?

**Answer:**

Ahmed drank while training during that day =  $\frac{3}{10} + \frac{35}{100} = \frac{30}{100} + \frac{35}{100} = \frac{65}{100}$  L of water.

- c The opposite table shows the favorite color for some students; observe, then answer:

- 1 What is the most favorite color?
- 2 What is the number of students who liked yellow and red?

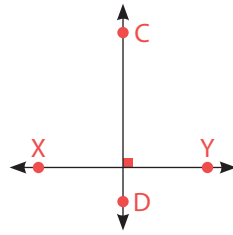
The favorite color	
Red	17
Yellow	13
Black	25

**Answer:**

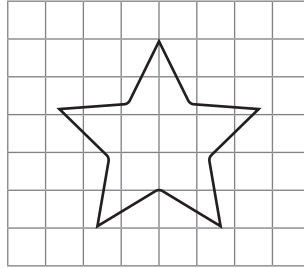
- 1 The most favorite color is black.
- 2 The number of students who liked yellow and red =  $13 + 17 = 30$  students.

d Draw  $\overleftrightarrow{CD}$  which is perpendicular to  $\overleftrightarrow{XY}$ .

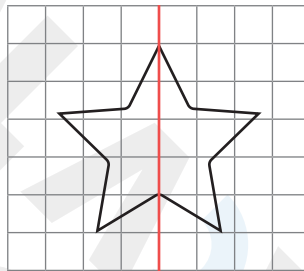
Answer:



e Draw a line of symmetry for the following to make a symmetrical shape.



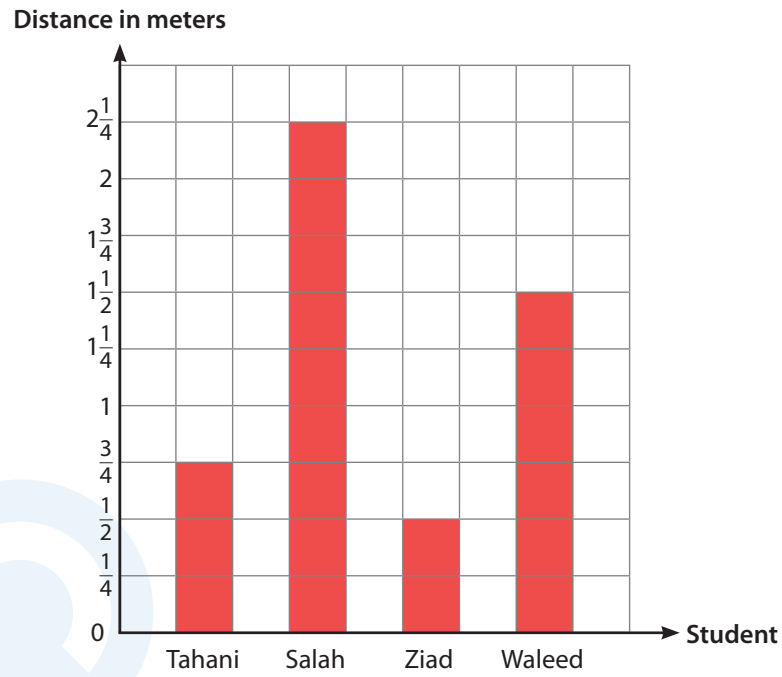
Answer:



f Represent the following data by bars:

Student	Distance in meters
Tahani	$\frac{3}{4}$
Salah	$2\frac{1}{4}$
Ziad	$\frac{1}{2}$
Waleed	$1\frac{1}{2}$

**Answer:**



**g Complete:**

The suitable graph that can be used to compare between two groups of data is a **double bar graph**.

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## 1 Choose the correct answer:

- a  $\frac{4}{100} + \frac{3}{10} = \dots\dots\dots$  ( $\frac{34}{10}$ ,  $\frac{30}{100}$ ,  $\frac{34}{100}$ , 0.43)
- b  $\dots\dots\dots$  is an exact location in space. (A line, A line segment, A ray, **A point**)
- c The two lines that never intersect are named  $\dots\dots\dots$  lines.  
(perpendicular, intersect, **parallel**, otherwise)

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## 2 Answer each of the following:

- a Adel's home is 0.52 kilometer from the school, while Aliaa's home is  $\frac{7}{10}$  kilometer from the same school. **Who walks the longer distance to the school?**

**Answer:**

Adel walks to school 0.52 km, while Aliaa walks to school 0.7 km,  
then Aliaa walks more distance than Adel.

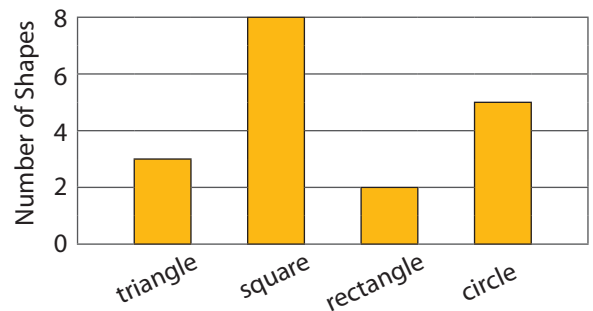
- b Safaa has  $\frac{2}{10}$  L of juice. She added  $\frac{25}{100}$  L of juice to them. **How many liters of juice does she have in all?**

**Answer:**

The amount of juice she has in all =  $\frac{2}{10} + \frac{25}{100} = \frac{20}{100} + \frac{25}{100} = \frac{45}{100}$  L

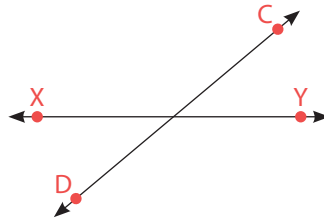
- c Observe the opposite graph, then complete:

- ▶ The number of circles is 5.
- ▶ The number of squares is 8.
- ▶ The number of rectangles is 2.
- ▶ The number of triangles is 3.



d Draw  $\overleftrightarrow{XY}$  which is intersecting  $\overleftrightarrow{CD}$

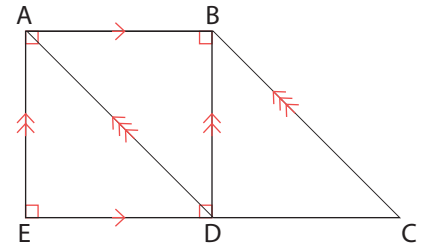
Answer:



e Observe the following figure, then complete:

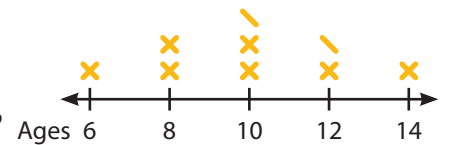
▶  $\overline{AB}$  is perpendicular to  $\overline{BD}$  and  $\overline{AE}$

▶  $\overline{AD}$  is parallel to  $\overline{BC}$



f By using the opposite line plot, answer the question:

▶ What is the number of children whose ages are 12 years old?



Each  $\times$  stands for 2 children

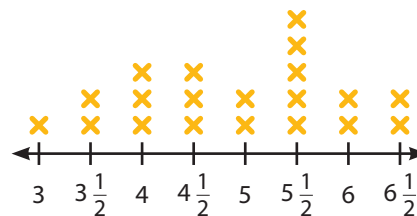
Answer:

▶ The number of children whose ages are 12 years old is 3 children.

g Use the following data which represents the number of repeating some numbers to make a line plot.

$5\frac{1}{2}$	$3\frac{1}{2}$	$6\frac{1}{2}$	$4\frac{1}{2}$	$5\frac{1}{2}$	$4\frac{1}{2}$	$6\frac{1}{2}$	$5\frac{1}{2}$	$4\frac{1}{2}$	$5\frac{1}{2}$
4	3	5	$5\frac{1}{2}$	$3\frac{1}{2}$	4	6	6	4	5

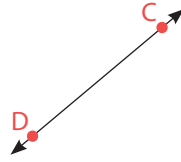
Answer:



Each  $\times$  represents 1 time

1 Choose the correct answer:

a The opposite figure is named .....



(  $\overrightarrow{CD}$  ,  $\overline{CD}$  ,  $\overleftarrow{CD}$  ,  $\overline{DC}$  )

b To compare between the marks of Hani and Nada we use a .....

( picture representation , bar graph , double bar graph , line plot )

c 2.51 ..... 2.7

( < , > , = , ≥ )

2 Answer each of the following:

a Salem ran for 2.47 kilometers, while Islam ran a distance of  $\frac{212}{100}$  kilometers.

Who ran a longer distance?

Answer:

Salem ran 2.47 km, while Islam ran for 2.12 km, then Salem ran a longer distance than Islam.

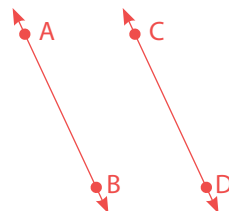
b Ahmed drank  $\frac{15}{10}$  L of water, and Hany drank  $\frac{7}{100}$  L of water, what was the total liters of water that Ahmed and Hany drink?

Answer:

The total liters of water that Ahmed and Hany drank =  $\frac{15}{10} + \frac{7}{100} = \frac{150}{100} + \frac{7}{100} = \frac{157}{100}$  L

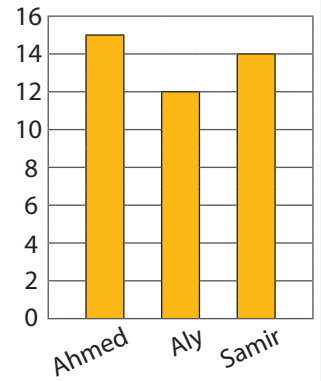
c Draw  $\overleftrightarrow{AB}$  which is parallel to  $\overleftrightarrow{CD}$ .

Answer:



d Observe the following graph that shows the number of pages of a book read by Ahmed, Aly and Samir, then answer:

- 1 Who read the most pages?
- 2 What is the difference between what Samir and Aly read?



**Answer:**

- 1 Ahmed read the most pages
- 2 The difference between Samir and Aly =  $14 - 12 = 2$  pages

e What is meant by each of the following:

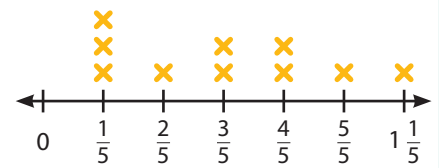
- 1 A point
- 2 A ray
- 3 Parallel lines

**Answer:**

- 1 **A point:** is an exact location in space and it is represented by a dot.
- 2 **A ray:** is a part of a line that extends forever from one direction and has only one endpoint.
- 3 **Parallel lines:** it means that two lines never meet and stay the same distance apart.

f Observe the opposite line plot of jumping distance for some students, then answer.

- What is the number of students who jumped  $\frac{4}{5}$  m and more?



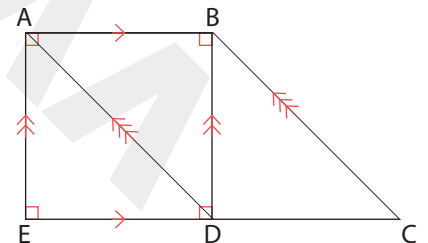
Each **x** represents 1 student

**Answer:**

The number of students who jumped  $\frac{4}{5}$  m and more is 4 students.

g Observe the following figure, then complete:

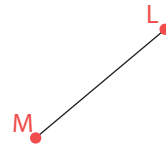
- $\overline{AE}$  is parallel to  $\overline{BD}$



3

1 Choose the correct answer:

a The opposite figure is named as .....



(  $\overrightarrow{LM}$  ,  $\overline{LM}$  ,  $\overleftarrow{LM}$  ,  $\overleftrightarrow{ML}$  )

b  $\frac{7}{10} =$  .....

(  $\frac{7}{10}$  ,  $\frac{70}{10}$  ,  $\frac{7}{100}$  ,  $\frac{70}{100}$  )

c 4.34 ..... 4.43

(  $<$  ,  $>$  ,  $=$  ,  $\geq$  )

2 Answer each of the following:

7

a Ali had  $\frac{6}{10}$  of a meter of fabric. He went to the store and bought another  $\frac{23}{100}$  of a meter. How much fabric did he have in all?

Answer:

The fabric that he has in all =  $\frac{6}{10} + \frac{23}{100} = \frac{60}{100} + \frac{23}{100} = \frac{83}{100}$  of a meter of fabric.

b Observe the opposite table that shows the internet usage for four friends in hours, then answer:

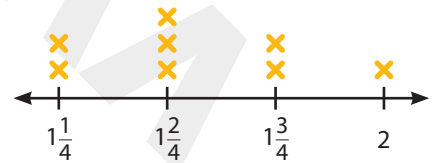
Who uses the internet the most time?

Name	Saly	Fady	Amira	Ali
No. of hours	$\frac{1}{4}$	$1\frac{1}{2}$	$\frac{1}{3}$	1

Answer:

Fady uses the internet the most time.

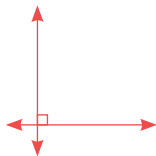
c Observe the opposite line plot, then complete:



► The number which is the most repeated is  $1\frac{2}{4}$ .

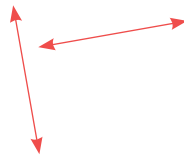
d Write the name for each pair of lines: "Intersecting, parallel or perpendicular"

1



.....

2



.....

3



.....

Answer:

1

Perpendicular

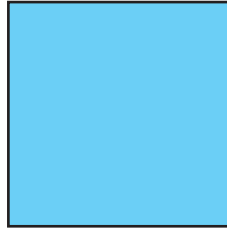
2

Intersecting

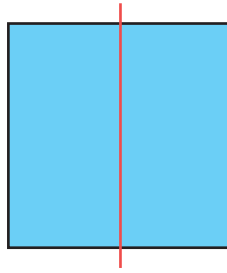
3

Parallel

e Draw a line of symmetry to the following figure:



Answer:



f Complete:

- ▶ The trapezium has 1 line(s) of symmetry.
- ▶ A **line segment** is a part of a line that has two endpoints.

g Draw  $\overleftrightarrow{AB}$  which is perpendicular to  $\overleftrightarrow{CD}$ .

Answer:

