



ALADWANA

Gem



Mathematics

الصف 5 الابتدائي

إجابات نماذج اختبارات الأضواء لشهر أبريل

الفصل الدراسي الثاني 2024 - 2025م

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## 1 Choose the correct answer:

a  $\frac{3}{5} \times \frac{\dots}{4} = \frac{3}{5}$

(1, 2, 3, 4)

b  $\frac{2}{3}$  of 27 = .....

(18, 24, 36, 27)

c Area of rectangle = .....  $\times$  width.

(height, length, width, area)

7

## 2 Answer each of the following:

a If the price of a kg of tomatoes is  $3\frac{1}{2}$  pounds, find the price of  $2\frac{2}{3}$  kg of tomatoes.**Answer:**

The total price of tomatoes =  $3\frac{1}{2} \times 2\frac{2}{3} = 9\frac{1}{3}$  pounds

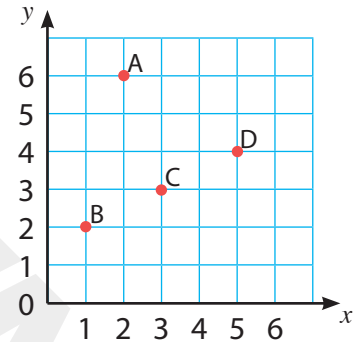
b Use the opposite figure to write the ordered pair which represents each of the following points.

▶ A (2, 6)

▶ B (1, 2)

▶ C (3, 3)

▶ D (5, 4)



c How many thirds are there in the number 9?

**Answer:**

The number of thirds is there in 9 is 27.

d Write two properties for the rhombus.

**Answer:**

▶ It has two pairs of parallel sides.

▶ It has four congruent sides.

e Determine the type of a triangle according to the following data:

1 A triangle of angles measures ( $40^\circ$ ,  $50^\circ$  and  $90^\circ$ ) (.....)

2 A triangle of sides lengths (4 cm, 6 cm and 8 cm) (.....)

**Answer:**

1 Right-angled triangle.

2 Scalene triangle

f Find the area of a rectangle with  $2\frac{2}{3}$  cm length and  $1\frac{3}{4}$  cm width.

**Answer:**

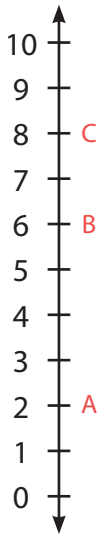
$$\begin{aligned}\text{The area of the rectangle} &= \text{Length} \times \text{Width} \\ &= 2\frac{2}{3} \times 1\frac{3}{4} = 4\frac{2}{3} \text{ cm}^2\end{aligned}$$

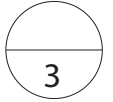
g Use the opposite number line to answer the questions:

- 1 What is the value of B?
- 2 How far is point C from point A?

**Answer:**

- 1 6
- 2  $8 - 2 = 6$





## 1 Choose the correct answer:

- a The number of equal sides in the isosceles triangle is ..... ( 0 , 2 , 3 , 1 )
- b A window of a rectangular shape with length 1 m and width  $\frac{3}{4}$  m,  
then its area = ..... m<sup>2</sup> ( $\frac{3}{4}$  ,  $2\frac{3}{4}$  ,  $1\frac{3}{4}$  , 1)
- c  $6 \div \frac{1}{2} =$  ..... ( $\frac{1}{2}$  , 12 , 3 , 6)



## 2 Answer each of the following:

- a There are 8 bags of fava beans, each bag has a mass of  $\frac{3}{4}$  kg.

What is the total mass of the fava beans?

**Answer:**

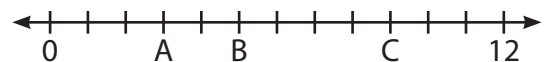
The total mass of the fava beans =  $8 \times \frac{3}{4} = 6$  kg

- b Salem feeds his cat  $\frac{1}{8}$  kg of dry food each day. How many days would 3 kg of the dry food be enough for the cat?

**Answer:**

The number of days =  $3 \div \frac{1}{8} = 24$  days

- c Use the number line to answer the questions:



- 1 How far is point A from point B?
- 2 How far is point B from point C?

**Answer:**

1  $5 - 3 = 2$  units

2  $9 - 5 = 4$  units

d Use the opposite coordinate plane to

plot the following points:

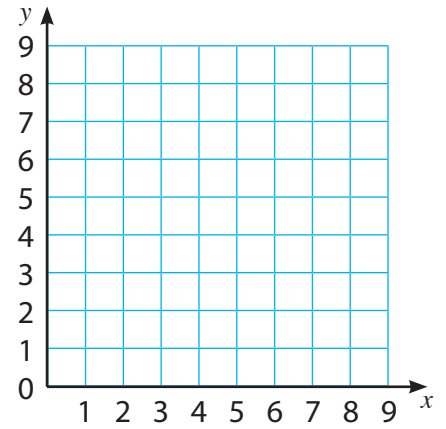
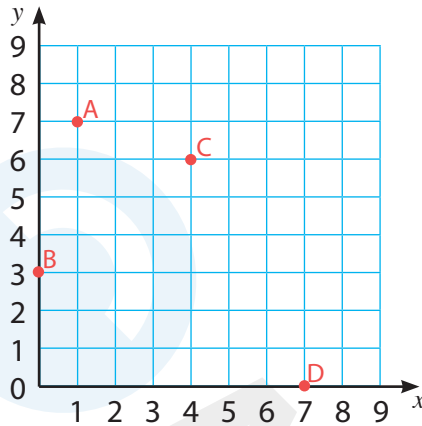
▶ A (1 , 7)

▶ B (0 , 3)

▶ C (4 , 6)

▶ D (7 , 0)

**Answer:**



e Mention the types of the triangle according to the measures of its angles.

**Answer:**

▶ Acute-angled triangle. ▶ Right-angled triangle. ▶ Obtuse-angled triangle.

f Complete:

1 The Y-coordinate in the ordered pair (2 , 7) is 7.

2 The X-coordinate in the ordered pair (5 , 0) is 5.

g Find the area of a rectangle with  $4\frac{1}{4}$  cm length, and  $2\frac{1}{4}$  cm width.

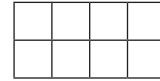
**Answer:**

$$\begin{aligned} \text{The area of the rectangle} &= \text{Length} \times \text{Width} \\ &= 4\frac{1}{4} \times 2\frac{1}{4} = 9\frac{9}{16} \text{ cm}^2 \end{aligned}$$

3

## 1 Choose the correct answer:

a The area of the opposite rectangle = ..... square units.



(6, 7, 8, 10)

b The origin point is .....

[(2, 0), (0, 4), (0, 0), (1, 1)]

c The equilateral triangle has ..... equal sides.

(0, 1, 2, 3)

7

## 2 Answer each of the following:

a Mention the types of a triangle according to its side lengths.

**Answer:**

► Equilateral triangle    ► Isosceles triangle    ► Scalene triangle

b Khaled earns  $12\frac{1}{4}$  pounds for an hour, if he works for 5 hours daily.  
How much money does he earn per day?

**Answer:**

Khaled earns daily =  $12\frac{1}{4} \times 5 = 61\frac{1}{4}$  pounds

c How many quarters are there in 7?

**Answer:**

The number of quarters in 7 =  $7 \div \frac{1}{4} = 7 \times 4 = 28$

d Complete:

- A quadrilateral that has only one pair of parallel sides is a **trapezium**.
- The **square** is a rhombus that has 4 right angles.

e Write the types of the triangle according to the following data:

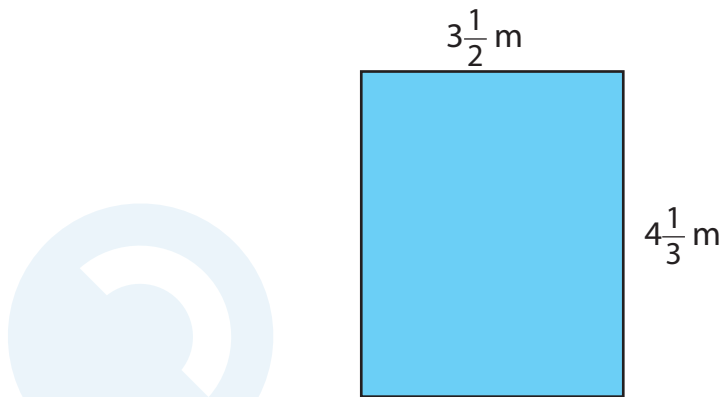
- 1 A triangle has angles of measures ( $30^\circ, 60^\circ, 90^\circ$ ) is a/an **right-angled triangle**.
- 2 A triangle of side lengths (5 cm, 5 cm, 5 cm) is a/an **equilateral triangle**.

- f Nader has 5 liters of juice, if he drinks  $\frac{1}{4}$  L of juice each day. How many days will it take to drink all the juice?

**Answer:**

The number of days to drink all the juice =  $5 \div \frac{1}{4} = 20$  days

- g Find the area of the opposite rectangle



**Answer:**

The area of the rectangle = Length  $\times$  Width  
 $= 3\frac{1}{2} \times 4\frac{1}{3} = 15\frac{1}{6} \text{ m}^2$

## 1 Choose the correct answer:

a  $\frac{1}{2} \div 4 = \dots\dots\dots$

b The number of equal sides in the scalene triangle is .....

c  $\frac{3}{6} \times \frac{\dots\dots}{5} = \frac{1}{2}$

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$(\frac{1}{2}, 8, \frac{1}{4}, \frac{1}{8})$

 $(0, 1, 2, 3)$  $(1, 4, 6, 5)$ 

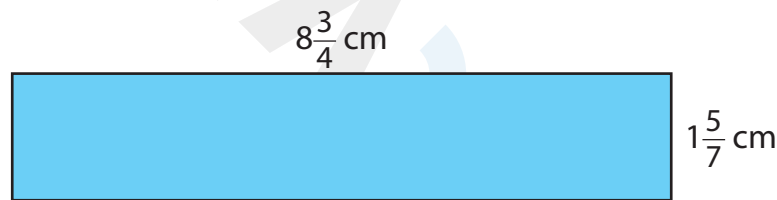
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## 2 Answer each of the following:

## a Complete:

▶ The X-coordinate in the ordered pair  $(0, 7)$  is 0.▶ The coordinates of the origin point are  $(0, 0)$ .

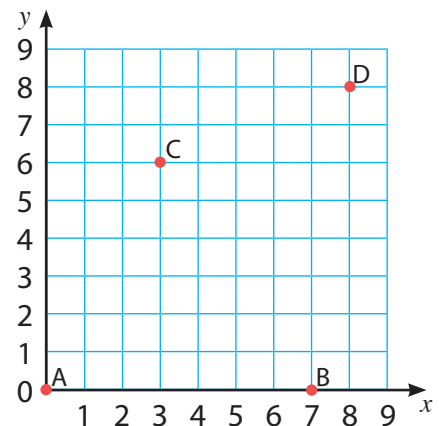
b Find the area of the opposite rectangle.



## Answer:

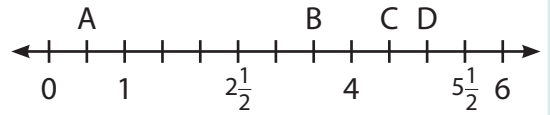
$$\begin{aligned} \text{The area of the rectangle} &= \text{Length} \times \text{Width} \\ &= 8\frac{3}{4} \times 1\frac{5}{7} = 15 \text{ cm}^2 \end{aligned}$$

c Use the opposite coordinate plane to find the ordered pair of the following points.

▶ A  $(0, 0)$ ▶ B  $(7, 0)$ ▶ C  $(3, 6)$ ▶ D  $(8, 8)$ 

d Use the opposite number line to answer the questions:

- 1 What is the value of B?
- 2 What is the value of D?
- 3 How far is point C from point A?



**Answer:**

- 1  $3\frac{1}{2}$
- 2 5
- 3  $4\frac{1}{2} - \frac{1}{2} = 4$  units

e Maha has  $3\frac{1}{2}$  hours to finish her homework, she finished math in  $\frac{3}{4}$  of an hour.  
How much time remains for the rest of the homework?

**Answer:**

The time remaining for the rest of the homework =  $3\frac{1}{2} - \frac{3}{4} = 2\frac{3}{4}$  hours

- f Write the type of a triangle according to the following data:
- 1 A triangle has angles of measures ( $45^\circ, 45^\circ, 90^\circ$ ) is a/an **right-angled triangle**.
  - 2 A triangle of side lengths (7 cm, 3 cm, 7 cm) is a/an **isosceles triangle**.
- g If the price of a kg of apple is  $20\frac{1}{2}$  pounds, find the price of  $1\frac{2}{3}$  kg of apples.

**Answer:**

The total price of apples =  $20\frac{1}{2} \times 1\frac{2}{3} = 34\frac{1}{6}$  pounds

## 1 Choose the correct answer:

3

a  $\frac{2}{5}$  of 25 = .....

(10, 15, 35, 45)

b  $8 \div \frac{1}{2}$  = .....

( $\frac{1}{16}$ , 8, 4, 16)

c Area of rectangle = length  $\times$  .....

(length, height, width, perimeter)

## 2 Answer each of the following:

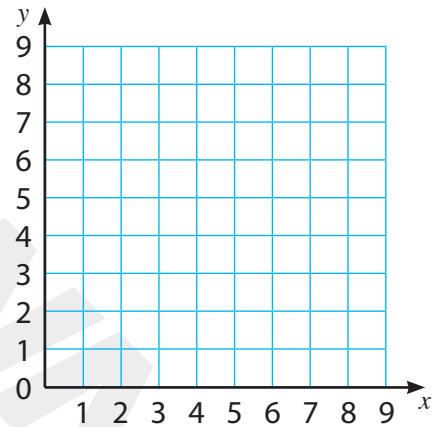
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## a Complete:

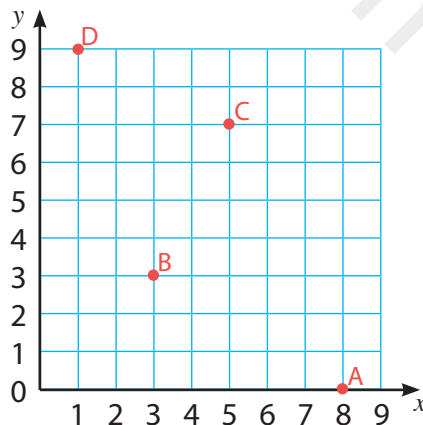
- ▶ The Y-coordinate in the ordered pair (5, 3) is 3.
- ▶ The point (0, 2) lies on the Y-axis.

## b Use the opposite coordinate plane to plot the following points:

- ▶ A (8, 0)
- ▶ B (3, 3)
- ▶ C (5, 7)
- ▶ D (1, 9)



Answer:



- c A turtle can crawl  $\frac{1}{2}$  km per hour, how many hours would it take for the turtle to travel 6 km?

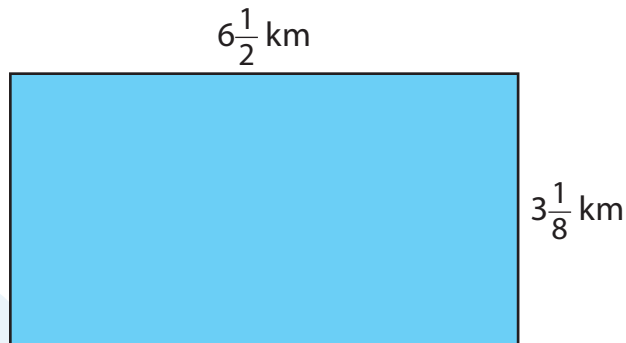
Answer:

$$\text{The needed time to travel 6 km} = 6 \div \frac{1}{2} = 12 \text{ hours}$$

d Write the type of the triangle according to the following data:

- 1 A triangle has angles of measures  $(30^\circ, 120^\circ, 30^\circ)$  is a/an **obtuse-angled triangle**.
- 2 A triangle of sides lengths  $(6\text{ cm}, 4\text{ cm}, 3\text{ cm})$  is a/an **scalene triangle**.

e Find the area of the opposite rectangle.



**Answer:**

$$\begin{aligned}\text{The area of the rectangle} &= \text{Length} \times \text{Width} \\ &= 6\frac{1}{2} \times 3\frac{1}{8} = 20\frac{5}{16}\text{ km}^2\end{aligned}$$

f How many fifths are there in 9?

**Answer:**

$$\text{The number of fifths in } 9 = 9 \div \frac{1}{5} = 9 \times 5 = 45$$

g Determine the type of the triangle according to the following data:

- 1 A triangle of angles measures  $(30^\circ, 70^\circ$  and  $80^\circ)$  (.....)
- 2 A triangle of side lengths  $(6\text{ cm}, 6\text{ cm}$  and  $6\text{ cm})$  (.....)

**Answer:**

- 1 **Acute-angled triangle.**
- 2 **Equilateral triangle.**