



MR BRAIN  
ACADEMY

# Final Revision



# 2025

## Math G6

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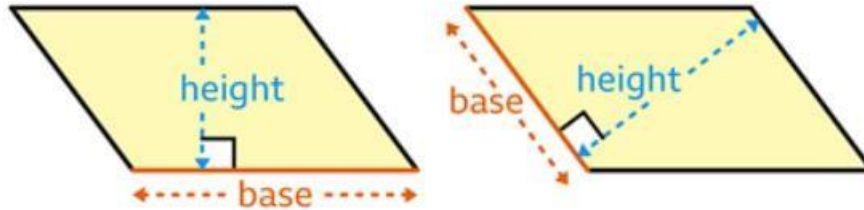


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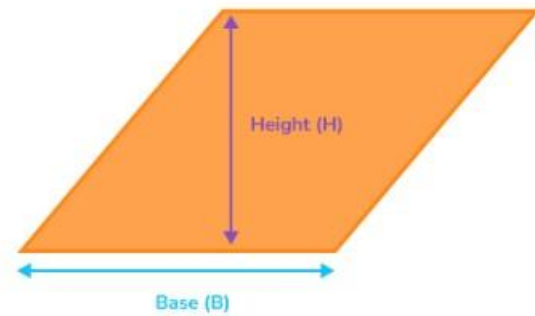
## The rules

Area of parallelogram = Base x Height



Area of rhombus

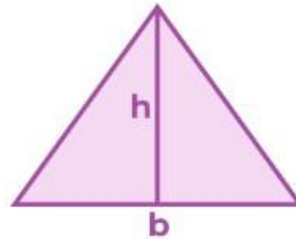
= Base x Height



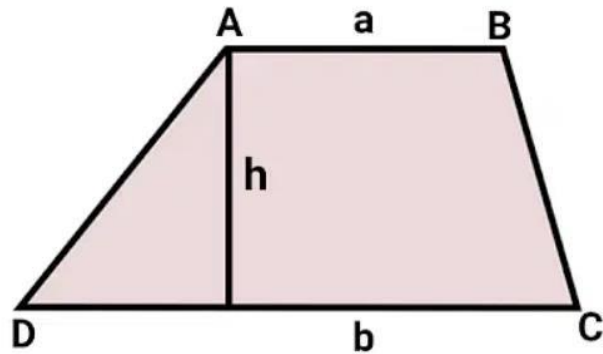
Area of triangle =  $\frac{1}{2}$  x Base x Height

Area of  
**Triangle**

$$\frac{1}{2} \times b \times h$$

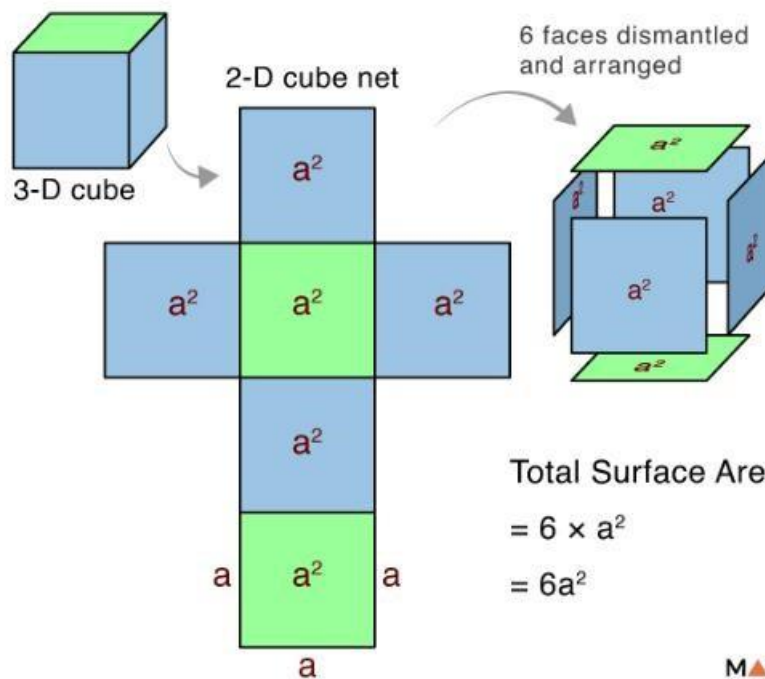


$$\text{Area of trapezium} = \frac{1}{2} \times (a + b) \times \text{Height}$$



Surface Area of a cube

$$= 6 \times (\text{side length} \times \text{side length})$$

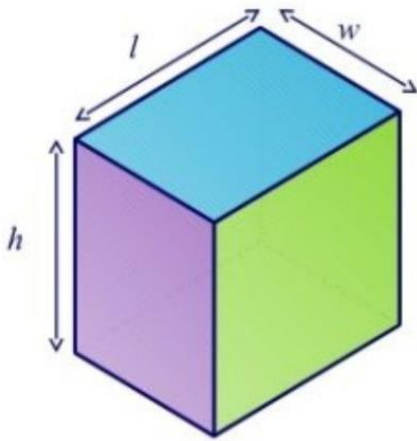


Surface Area of a cuboid

$$= 2 \times (l w + l h + w h)$$



We can find the formula for the surface area of a cuboid as follows.



**Surface area of a cuboid =**

$$2 \times lw$$

Top and bottom

$$+ 2 \times hw$$

Front and back

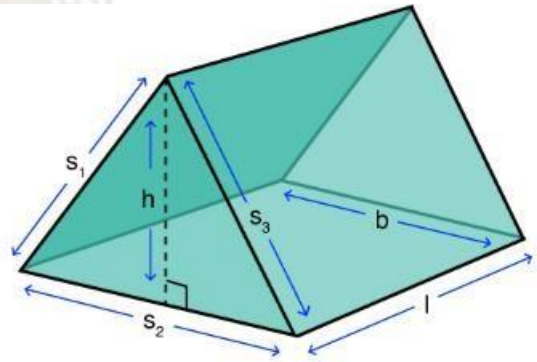
$$+ 2 \times lh$$

Left and right side



Surface Area of a  
triangular prism:

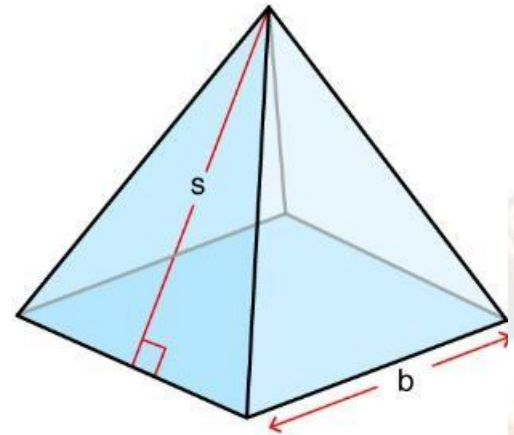
Surface Area of a  
squared pyramid:



Formula:  $TSA = b \times h + (s_1 + s_2 + s_3) \times l$

here,  
s<sub>1</sub>, s<sub>2</sub> and s<sub>3</sub> = base edges,  
b = s<sub>2</sub>, h = height, l = length

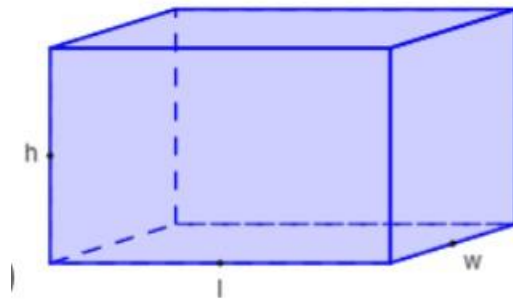
Volume of rectangular  
prism:



Formula:

Surface Area (SA) =  $b^2 + 2bs$

here, b = base, s = slant height



Volume of a  
Rectangular Prism

=  $lwh$



**Q1) Choose the correct answer:**

A) The simplest form of this ratio 16:80 is

.....

( 2:10 , 4:20 , 1:5 )

B) The volume of a cuboid of base area  $34 \text{ cm}^2$  and height 5.2 cm is .....  $\text{cm}^3$

( 17.68 , 176.8 , 1768 )

C) The next ratio of 3:7 , 6:14 , 9:21 , .....

( 12:28 , 12:35 , 15:35 )

D) The point R is located 6 units to the right and 4 units up from the origin point ,then the

ordered pair that represents the point R is .....



( (6,4) , (4,6) , (0,0) )

E)  $3.9 \div 0.13 = \dots\dots\dots$

( 30 , 3.0 , 0.3 )

F) If the percent of boys in a school is 45%, then the percent of girls is  $\dots\dots\dots$  %

( 45 , 50 , 55 )

G)  $6 \div \frac{6}{10} = \dots\dots\dots$

( 3.6 , 6 , 10 )

H) 7.5 cm  $\dots\dots\dots$  75 mm

( < , > , = )



I) If the ratio between number of apples and number of bananas is 3:4 and the number of bananas is 32, then the difference between them is .....

( 24 , 6 , 8 )

J) Which of the following is a unit rate?

- 50 L.E. per 5 kg
- 750 Km per 3 hours
- 3 liters per a cup

K) 25% of 20 ..... 20% of 25

( < , > , = )



- The height of a rhombus whose area is  $100 \text{ cm}^2$

and side length  $12.5 \text{ cm}$  is .....  $\text{cm}$

( 5 , 8 , 10 )

- L) If the ratio between the number of red pens to the number of blue pens is  $3 : 7$  and the number of blue pens is more than the number of red pens by 8 pens , then the sum of all pens is .....

( 6 , 14 , 20 )

- M) The point which is plotted on y-axis is

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( (0,6) , (7,0) , (7,6) )



N) Which of the following is a conversion factor?

$$\left( \frac{1 \text{ mm}}{10 \text{ cm}} , \frac{60 \text{ min}}{1 \text{ hr}} , \frac{1 \text{ ml}}{1000 \text{ l}} \right)$$

O) The surface area of a cube of side length 2.5 m is ..... m<sup>2</sup>

$$\left( 6.25 , 15.625 , 37.5 \right)$$

P) If  $111 \times 45 = 4,995$  ,then  $1.11 \times 4.5 = \dots\dots\dots$

$$\left( 49.95 , 499.5 , 4.995 \right)$$

Q)  $1 - 87\% = \dots\dots\dots$

$$\left( 13 , 1.3 , 0.13 \right)$$



R) A car consumes  $\frac{1}{20}$  liter of petrol to cover 1km,  
then it covers ..... km per liter

( 20 ,  $\frac{1}{20}$  , 5 )

S) The point (3 , - 1) by reflection across the y-axis is the point .....

( (3,-1) , (-3,-1) , (3,1) )

T) The point (3 , - 1) by reflection across the x-axis is the point .....

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U) A parallelogram with area  $72 \text{ cm}^2$  and base length 9 cm , then it's corresponding height



is ..... cm

( 7 or 8 or 9 )

V) There are 28 cookies in 7 boxes , then the number of cookies in 3 boxes is .....

( 12 , 18 , 21 )

W) If the ratio between a and b is 1 : 4 and the sum of a and b is 20 ,then b = .....

( 4 , 5 , 16 )

X) The point (- 2,- 7) Lies in the quadrant.

( First , Second , Third )

Y) 360 seconds = ..... hours

( 60 , 10 , 0.1 )



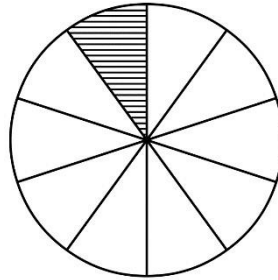
Z) Underline the equivalent ratio of 8:10

( 3 : 2 , 5 : 3 , 4 : 5 , 15 : 9 )

Q2) Complete

1. The volume of a cuboid of dimensions 12cm, 10 cm and 4 cm is ..... cm<sup>3</sup>

2. The percentage of the shaded part to



whole figure is .....

3. 5% of 700ml = ..... ml

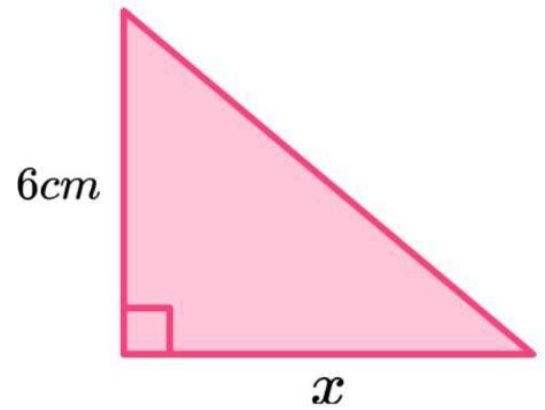
4. If 5 : 9 is equivalent to 25 : x , then 2x =



.....

5. The area of the following triangle is  $30\text{cm}^2$ ,

then  $x = \dots\dots\dots$  cm



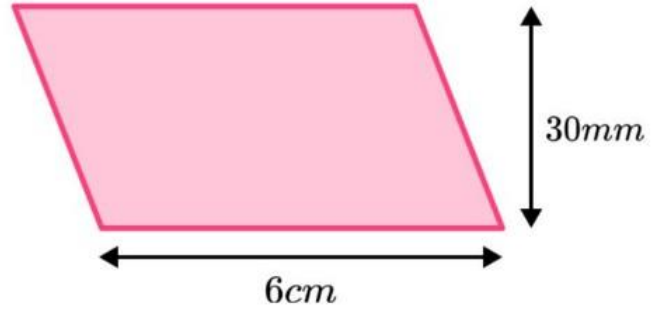
6.  $30\% + 50\% = \dots\dots\dots$  (as a decimal)

7.  $8.24 \div 0.8 = \dots\dots\dots \div 8$

8. 120 km per hour =  $\dots\dots\dots$  meter per min.

9. The area of the following parallelogram is  $\dots\dots\dots \text{cm}^2$



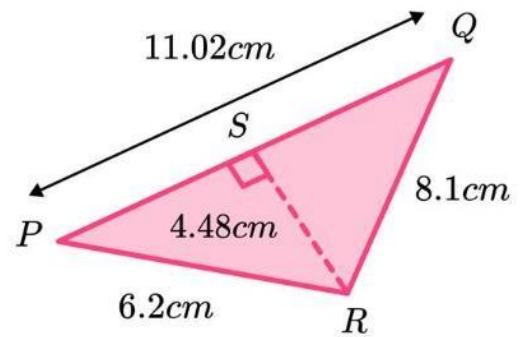


10.  $50\% \div \frac{1}{2} = \dots\dots\dots \%$

11.  $\frac{1}{2} \div 6 = \dots\dots\dots$

12. If the volume of a cuboid is  $40 \text{ cm}^3$  and all the dimensions are doubled, then the new volume is  $\dots\dots\dots \text{ cm}^3$

13. The area of the following triangle is  $\dots\dots\dots$



14. The reciprocal of  $\frac{3}{7}$  is  $\dots\dots\dots$

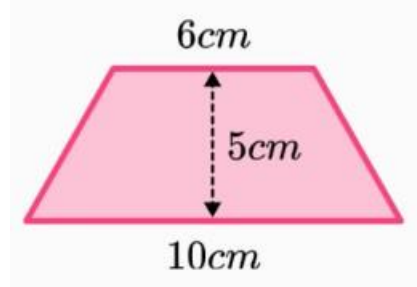
15. If the perimeter of one face in a cube is



40 mm, then its surface area is ..... mm<sup>2</sup>

16. The area of the following trapezium is

.....

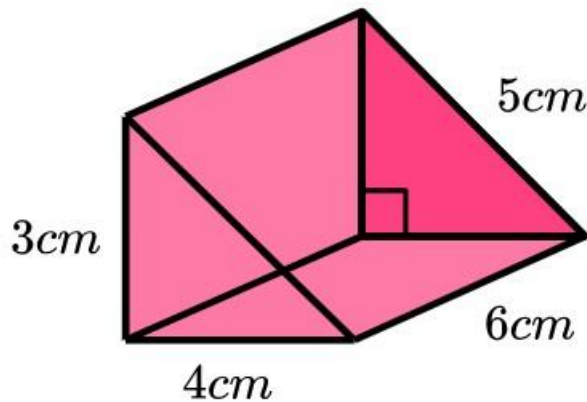


17. If  $\frac{3}{7}$  is equivalent to  $x:21$ , then  $x - 3 =$

.....

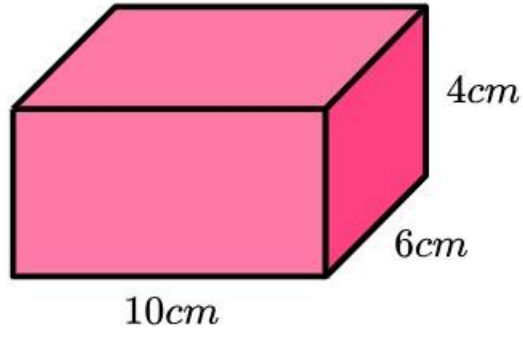
18. Find the surface area of the following shapes:

a)



.....  
.....





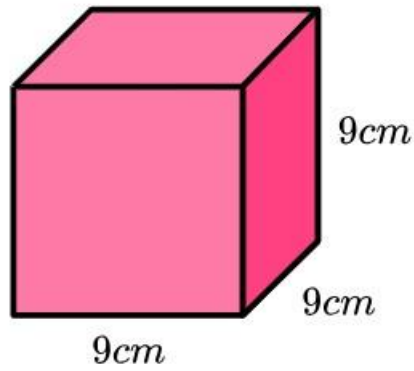
b)

.....

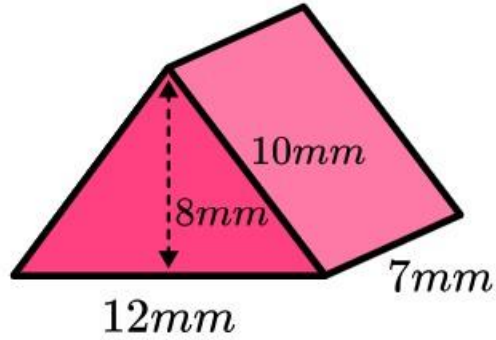
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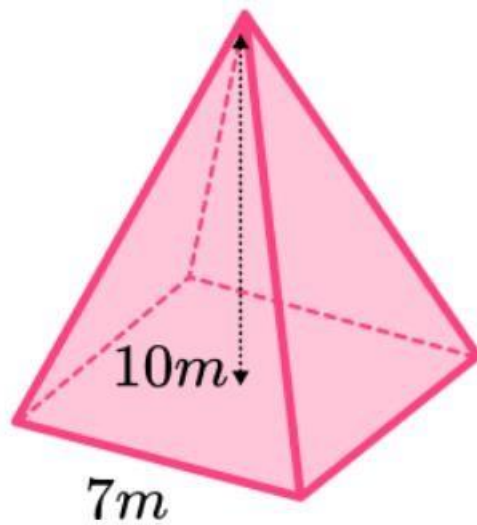
c)



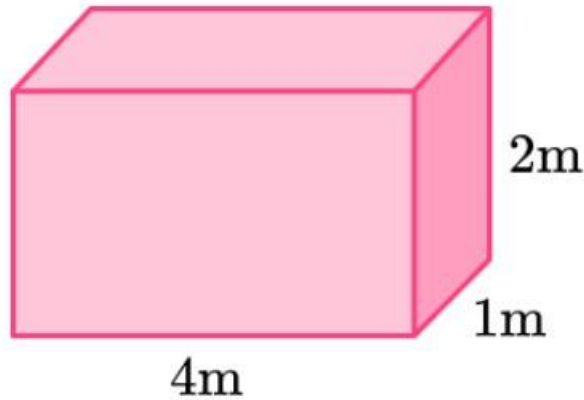
d)



e)



19. The volume of the following rectangular prism is .....



20. The volume of this rectangular prism is  $600\text{cm}^3$ , then the height of the rectangular prism is .....  
cm





25cm

8cm

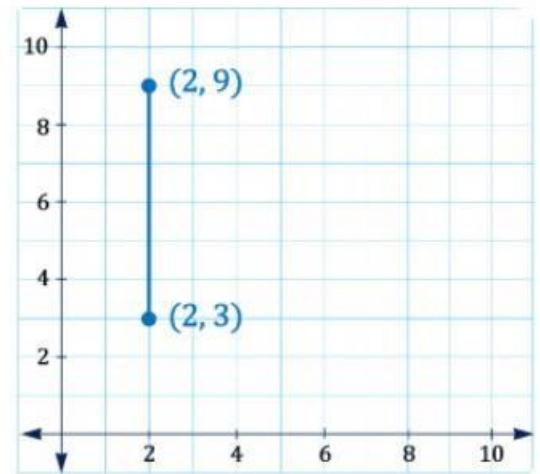


21. Find the distance

between the  
following two points.

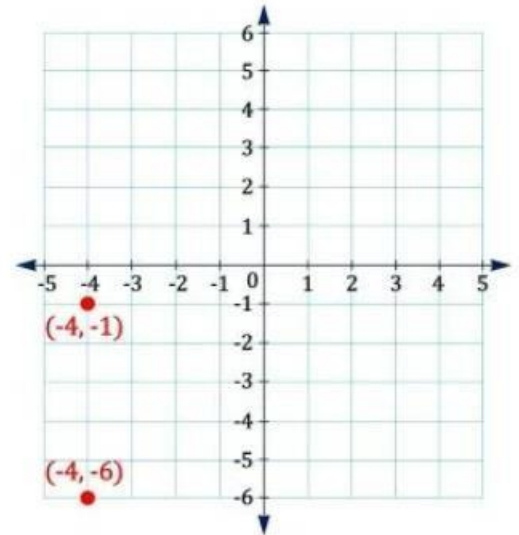
a) The distance is

.....



b) The distance is

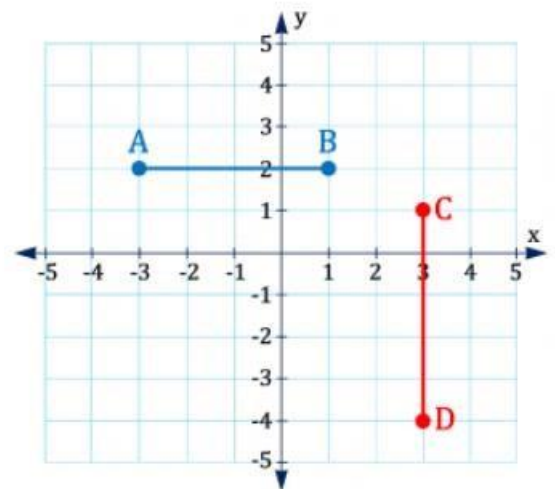
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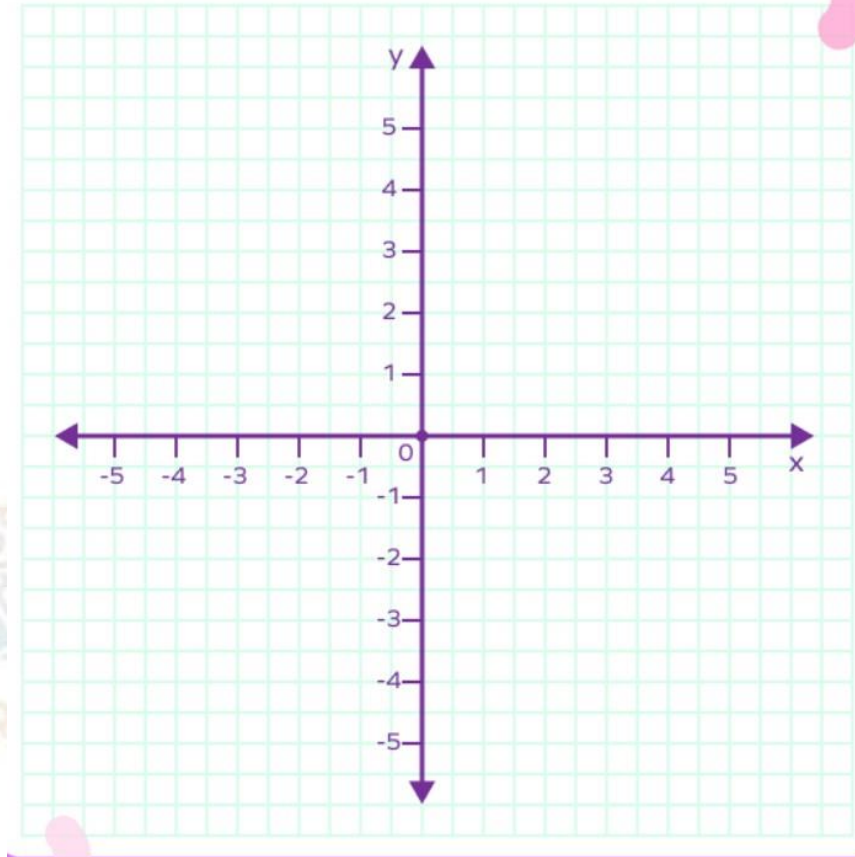
c) The distance  
between A and B  
is .....

The distance  
between C and D

is .....



- Graph the points  $A(5,1)$ ,  $B(5,3)$ ,  $C(-2,3)$  what is the coordinate of the point  $D$  such that  $ABCD$  is a rectangle.



- In a mathematics exam, Adam got 54 marks of 60 marks.



Find the percentage of the marks he got.

.....

.....

.....

- A runner covers 32 kilometers in 8 hours. Find the distance he covers in 4 hours at the same speed.

.....

.....

.....

An employee saves L.E.500 monthly. If his monthly income is L.E. 4,000 Find the percentage of what he saves monthly.

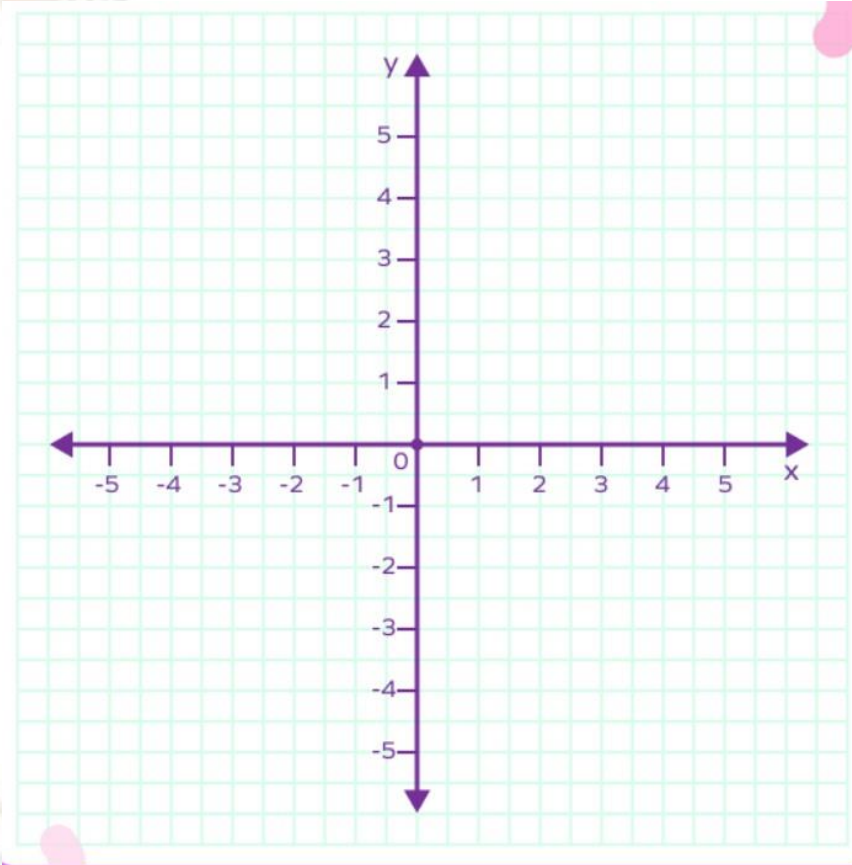
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Plot the following points on the grid. A(1,-3), B (2,2), C(-2,2) and D (- 1,- 3) then connect them. What kind of shape do they make?



- Laila has 9 liters of milk. She needs to divide it into small bottles of  $\frac{3}{5}$  liters each. How many bottles will she need?

.....

.....



- .....
- In a math's exam, Sameh got 75% and Sara got 40 marks out of 50 which of them has got a better score. What is the difference between their scores ?
- .....
- .....
- .....

- The number of children in a nursery is 50 , if 40 % of them are vaccinated. What is the number of the vaccinated children in this nursery?
- .....



.....

.....

- The volume of a block measuring 3.5 m by 4.5 m by 2.5 m is estimated to be at least 24 cubic meters, is this correct or not?

.....

.....

.....

- What is the actual volume of a block with dimensions of 3.5 m, 4.5 m, and 2.5 m?

.....

.....

.....



- A cuboid-shaped swimming pool is 20 m long, 15 m wide, and 3 m high, calculate its volume?

.....

.....

.....

- When one dimension of a cuboid is doubled, what is the ratio of its original volume to its new volume?

.....

.....

.....



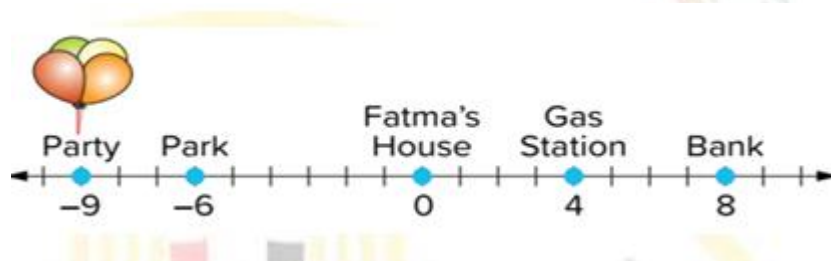
5 • A cuboid has a volume of  $200 \text{ cm}^3$ , what is its new volume if two of its three dimensions are doubled?

.....

.....

.....

• If each mark on the number line represents 1 km, how many kilometers does Fatima's car travel if she goes from her house to the gas station to fill up the car's tank first and then drives to the birthday party?



.....

.....



- .....
- How far is the distance between 3 and 3 on the number line?
- .....
- .....
- .....

- Determine which axis the points O (-5, 4) and K (1, 4) lie on.
- .....
- .....
- .....

- What is the distance between the points (5, 3) and (9, 3)?



- .....
- .....
- .....
- A travel agency booked 1,500 tourist trips to Egypt, 70% of which were to visit the Pyramids of Giza. How many trips did the agency book to visit the pyramids of Giza?

From this question, write the values that represent the part, the whole, and the percentage:

.....

.....

.....



- Assuming you stored 30 boxes of goods, which is 50% of the boxes, what is the total number of boxes?

.....

.....

.....

- If the lunch bill for you and your friend is EGP 300 and the sales tax rate is 5% and a 10% service charge is added, calculate the total amount of lunch.

.....

.....

.....

- In the jump rope competition: Shatha jumped 545 jumps in 5 minutes. Determine the unit rate with whichever strategy you prefer.



- .....
- .....
- .....
- Convert the speed of 500 cm/s to meters per second using the conversion factor?

- .....
- .....
- .....
- A train is traveling at 0.75 kilometers per minute. What is its speed in kilometers per hour?



- There are 12 boys on the field and 50% of them are wearing blue shirts. How many boys are wearing blue shirts?

.....

.....

- If 2 cups of flour will be needed to make 15 loaves of bread, how many cups of flour will be needed to make 25 loaves of bread?

.....

.....

- Doaa says that mixing 4 quantities of red paint to 3 quantities of yellow paint is equivalent to the ratio of 6 quantities of red paint to 5 quantities of yellow paint. Is Doaa correct? Explain your reasons?



.....  
.....  
.....

- In a classroom, if the ratio of the number of boys to the number of girls is 3 to 2, and the total number of pupils in the class is 45, how many girls are in the class?

.....  
.....  
.....

- Nabil bought  $1\frac{6}{10}$  bags of sweets at a price of  $8\frac{5}{10}$  LE per bag, how much will Hossam pay?





تم تحميل هذه الأوراق مجانًا من  
أكبر وأضخم مكتبة تعليمية  
موقع وتطبيق مذكرات جاهزة





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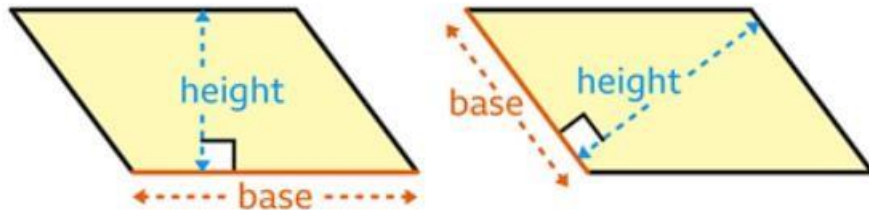
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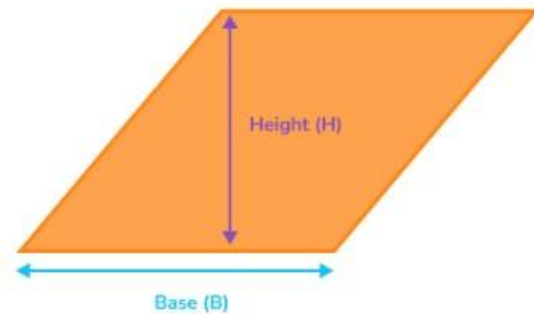
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## The rules



Area of rhombus  
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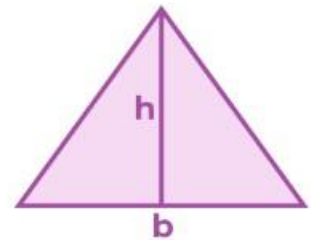


Area of parallelogram = Base x Height

Area of triangle =  $\frac{1}{2}$  x Base x Height

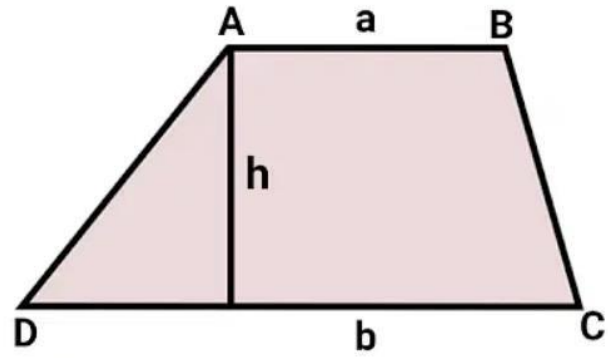
Area of  
**Triangle**

$$\frac{1}{2} \times b \times h$$



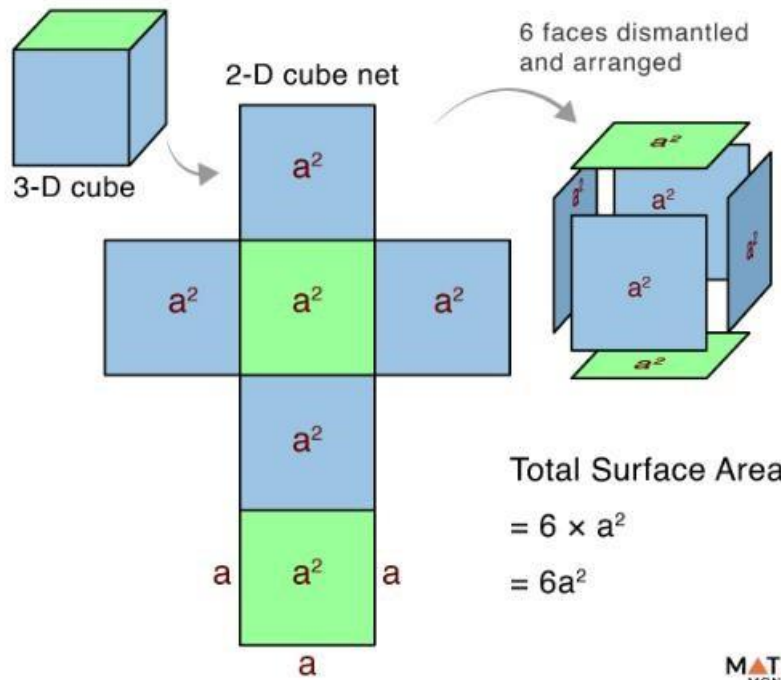
Area of trapezium =  $\frac{1}{2}$  x (a + b) x Height





Surface Area of a cube

$$= 6 \times (\text{side length} \times \text{side length})$$

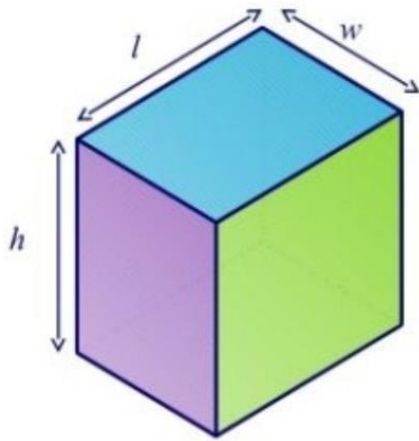


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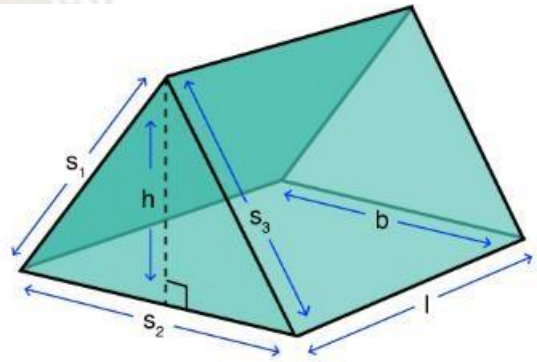
Front and back

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Left and right side



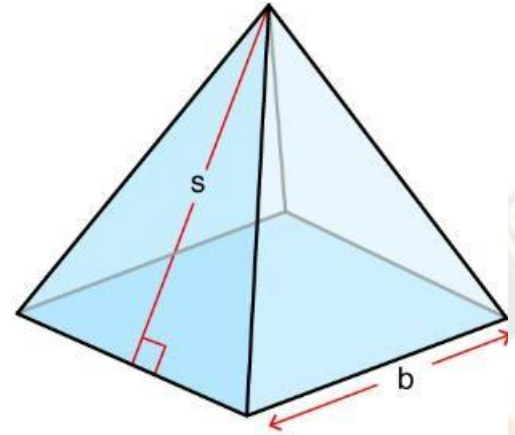
Surface Area of a triangular prism:



Formula:  $TSA = b \times h + (s_1 + s_2 + s_3) \times l$

here,  
 $s_1, s_2$  and  $s_3$  = base edges,  
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Surface Area of a squared pyramid:

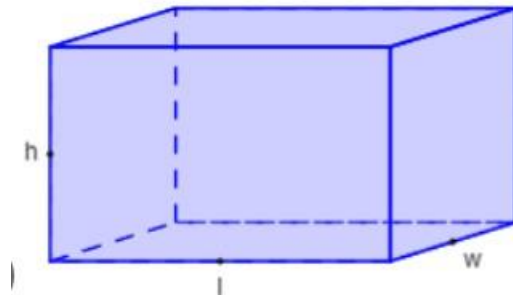


Formula:

Surface Area (SA) =  $b^2 + 2bs$

here,  $b$  = base,  $s$  = slant height

Volume of rectangular prism:



Volume of a Rectangular Prism

$$= lwh$$



Q1) Choose the correct answer:

A) The simplest form of this ratio 16:80 is

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( 2:10 , 4:20 , **1:5** )

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Y) 360 seconds = ..... hours

( 60 , 10 , 0.1 )



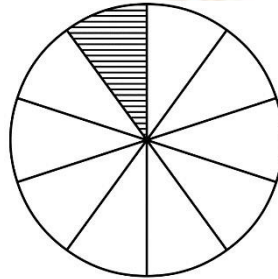
Z) Underline the equivalent ratio of 8:10

( 3 : 2 , 5 : 3 , 4:5 , 15 : 9 )

Q2) Complete

1. The volume of a cuboid of dimensions 12cm, 10 cm and 4 cm is **480** cm<sup>3</sup>

2. The percentage of the shaded part to



whole figure is **10%**

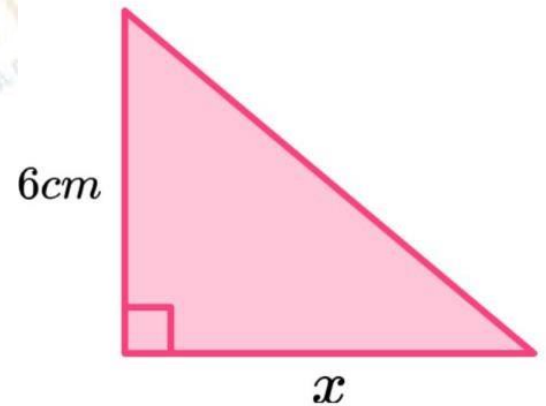
3. 5% of 700 ml = **35** ml

4. If 5 : 9 is equivalent to 25 : x , then 2x = **90**



5. The area of the following triangle is  $30\text{cm}^2$ ,

then  $x = 10$  cm



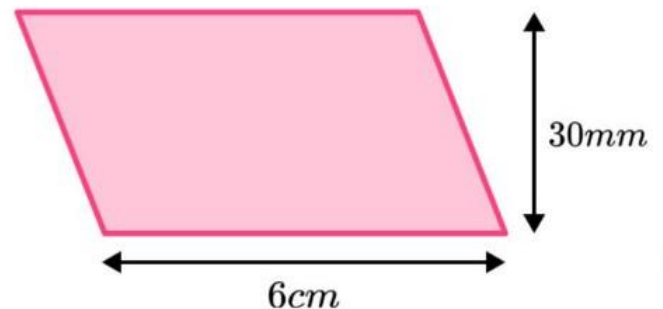
6.  $30\% + 50\% = 0.80$  (as a decimal)

7.  $8.24 \div 0.8 = 82.4 \div 8$

8.  $120$  km per hour =  $2,000$  meter per min.

9. The area of the following parallelogram is

$18$   $\text{cm}^2$



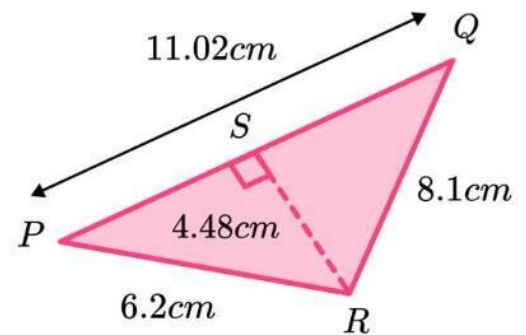
10.  $50\% \div \frac{1}{2} = 100\%$

11.  $\frac{1}{2} \div 6 = \frac{1}{12}$

12. If the volume of a cuboid is  $40 \text{ cm}^3$  and all the dimensions are doubled, then the new volume is  $320 \text{ cm}^3$

13. The area of the following triangle is

$24.6848 \text{ cm}^2$



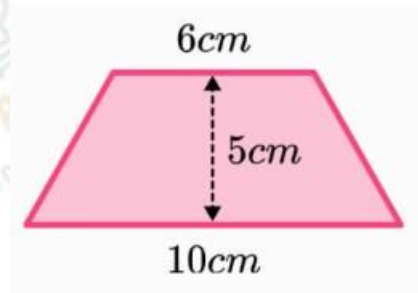
14. The reciprocal  $\frac{3}{7}$  of  
is  $\frac{7}{3}$

15. If the perimeter of one face in a cube is  
40 mm, then its surface area is  $600 \text{ mm}^2$

16. The area of the following trapezium is



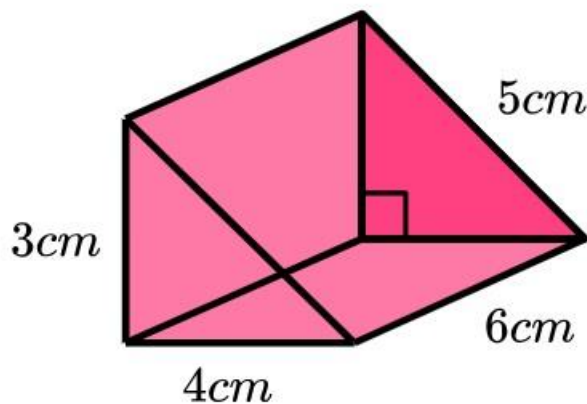
**40 cm<sup>2</sup>**



17. If  $\frac{3}{7}$  is equivalent to  $x:21$ , then  $x - 3 = 6$

18. Find the surface area of the following shapes:

a)



**Area of T1 = 6 cm<sup>2</sup>, Area of T2 = 6 cm<sup>2</sup>**

**Area of R1 = 6x3 = 18 cm<sup>2</sup>**

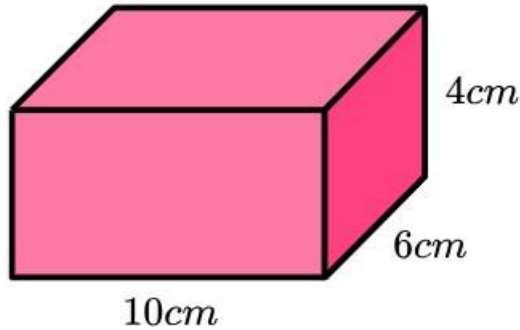
**Area of R2 = 6x4 = 24 cm<sup>2</sup>**



$$\text{Area of } R3 = 6 \times 5 = 30 \text{ cm}^2$$

$$\text{Surface area} = 6 + 6 + 18 + 24 + 30 = 84 \text{ cm}^2$$

b)



$$\text{Surface area} = 2x(lw + lh + wh)$$

$$= 2x(10 \times 6 + 10 \times 4 + 4 \times 6)$$

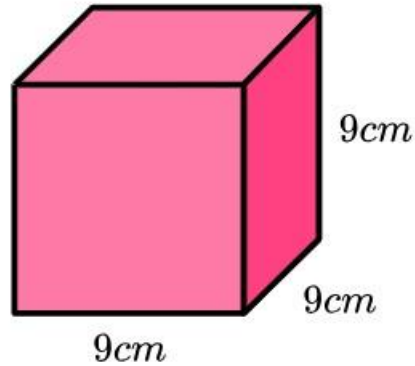
$$= 2x(60 + 40 + 24)$$

$$= 2x 124$$

$$= 248 \text{ cm}^2$$



c)

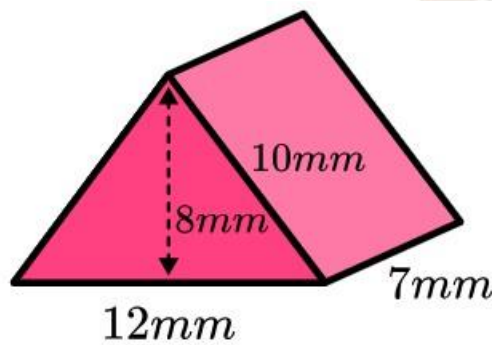


$$\text{Surface area} = S \times S \times 6$$

$$= 9 \times 9 \times 6$$

$$= 486 \text{ cm}^2$$

d)



$$\text{Area of T1} = 48 \text{ mm}^2, \text{ Area of T2} = 48 \text{ mm}^2$$



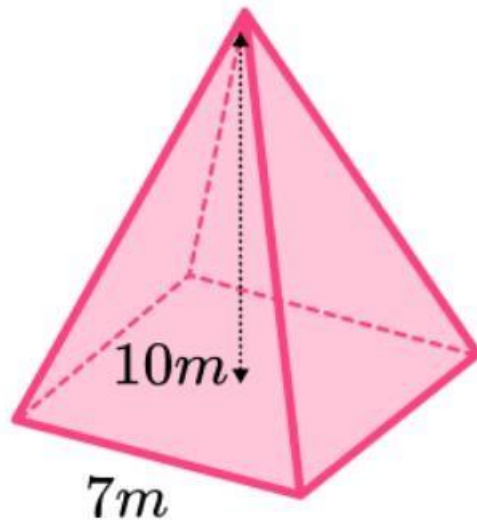
$$\text{Area of R1} = 7 \times 10 = 70 \text{ mm}^2$$

$$\text{Area of R1} = 7 \times 10 = 70 \text{ mm}^2$$

$$\text{Area of R3} = 7 \times 12 = 84 \text{ mm}^2$$

$$\text{Surface area} = 320 \text{ mm}^2$$

e)



$$\text{Area of the square} = 7 \times 7 = 49 \text{ m}^2$$

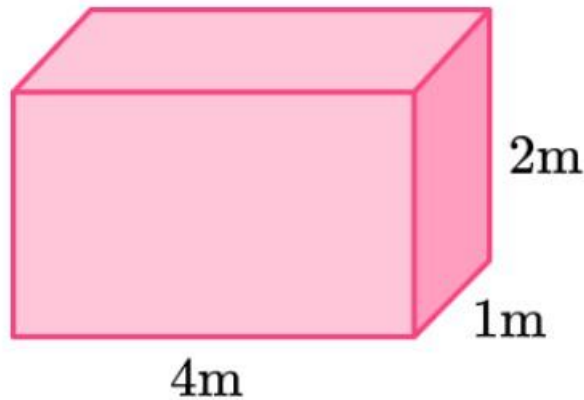
$$\text{Area of T1} = \frac{1}{2} \times 10 \times 7 = 35 \text{ m}^2$$



**Area of all triangles =  $35 \times 4 = 140 \text{ m}^2$**

**Surface area =  $49 + 140 = 189 \text{ m}^2$**

19. The volume of the following rectangular prism is  **$8 \text{ m}^2$**



20. The volume of this rectangular prism is  $600\text{cm}^3$ , then the height of the rectangular prism is **3 cm**





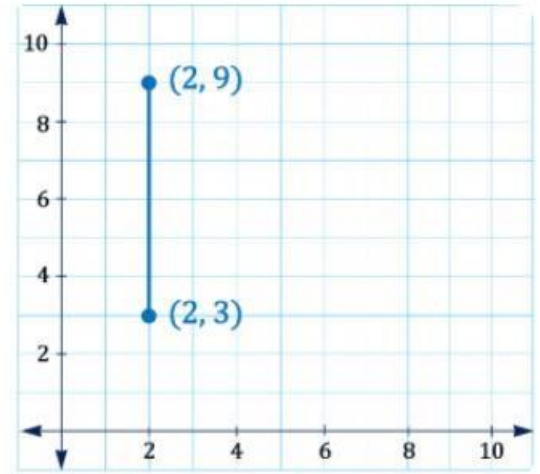
تم تحميل هذه الأوراق مجانًا من  
أكبر وأضخم مكتبة تعليمية  
موقع وتطبيق مذكرات جاهزة



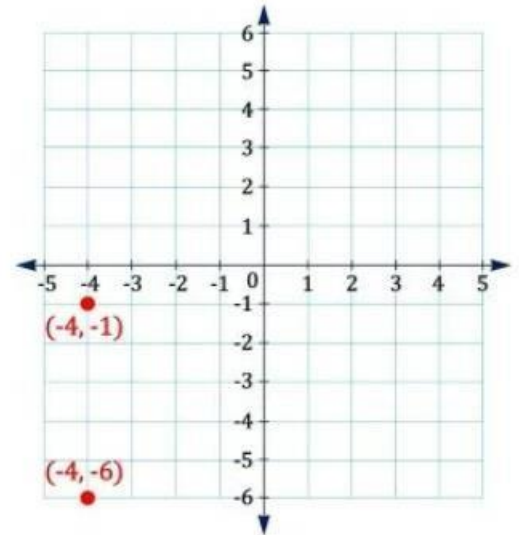
21. Find the distance

between the  
following two points.

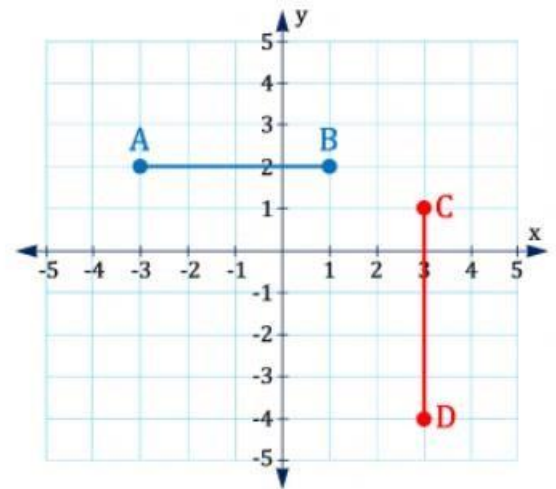
a) The distance is **6**  
**units**



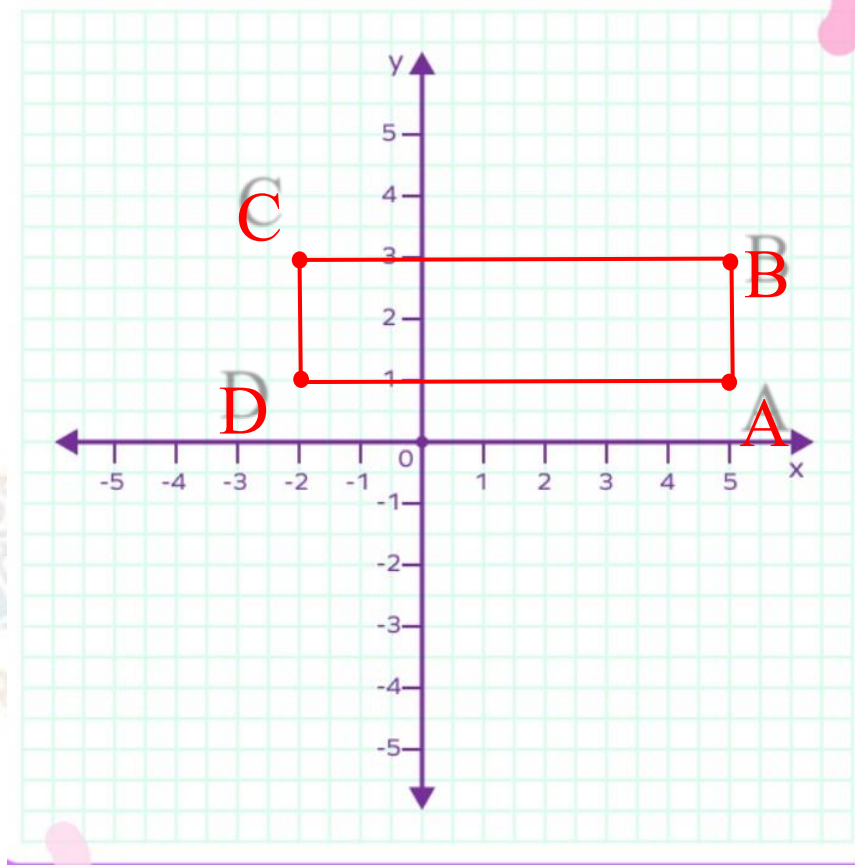
b) The distance is **5**  
**units**



c) The distance  
between A and B  
is **4 units** The  
distance between  
C and D is **5**  
**units**



- Graph the points  $A(5,1)$ ,  $B(5,3)$ ,  $C(-2,3)$  what is the coordinate of the point  $D$  such that  $ABCD$  is a rectangle.  **$(-2,1)$**



- In a mathematics exam, Adam got 54 marks of 60 marks.

Find the percentage of the marks he got.



**90 %**

- A runner covers 32 kilometers in 8 hours. Find the distance he covers in 4 hours at the same speed.

**32:8**

**? :4**

**The distance he covers in 4 hours is 16 Km**

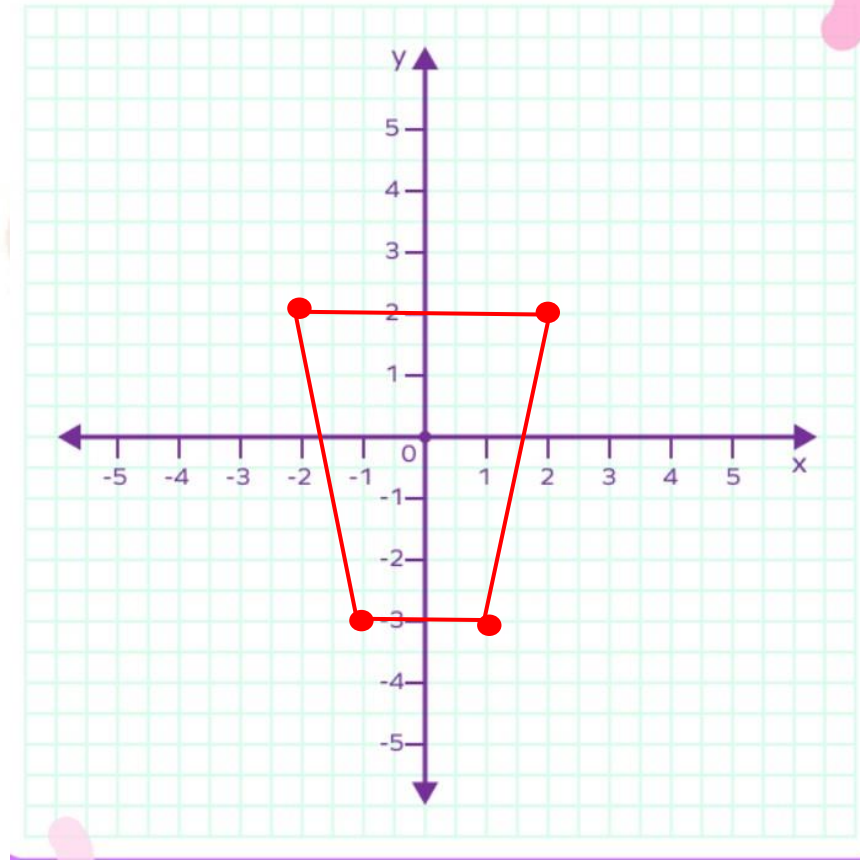
An employee saves L.E.500 monthly. If his monthly income is L.E. 4,000 Find the percentage of what he saves monthly.

**12.5 %**

Plot the following points on the grid. A(1,-3), B (2,2), C(-2,2) and D (- 1,- 3) then connect them. What kind of shape do they



make?



## Trapezium

- Laila has 9 liters of milk. She needs to divide it into small bottles of  $\frac{3}{5}$  liters each.

How many bottles will she need?

$$9 \div \frac{3}{5} = 9 \times \frac{5}{3} = 15 \text{ bottles}$$



- In a math's exam, Sameh got 75% and Sara got 40 marks out of 50 which of them has got a better score. What is the difference between their scores?

**Sara got 80%**

**So, Sara got a better score**

**The difference is  $80\% - 75\% = 5\%$**

- The number of children in a nursery is 50 , if 40 % of them are vaccinated. What is the number of the vaccinated children in this nursery?

**20 children**



• The volume of a block measuring 3.5 m by 4.5 m by 2.5 m is estimated to be at least 24 cubic meters, is this correct or not?

**Actual volume =  $3.5 \times 4.5 \times 2.5 = 39.375 \text{ m}^3$ . So yes, it is more than 24 cubic meters. The estimate is correct.**

• What is the actual volume of a block with dimensions of 3.5 m, 4.5 m, and 2.5 m?

**Volume =  $3.5 \times 4.5 \times 2.5 = 39.375 \text{ m}^3$ .**

• A cuboid-shaped swimming pool is 20 m long, 15 m wide, and 3 m high, calculate its volume?

**Volume =  $20 \times 15 \times 3 = 900 \text{ m}^3$ .**

• When one dimension of a cuboid is doubled, what is the ratio of its original volume to its new volume?

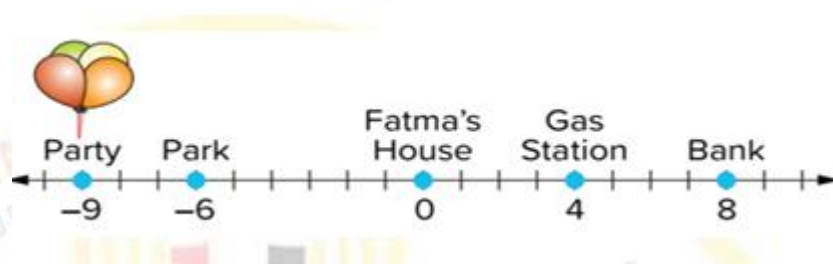
**New volume =  $2 \times$  original volume, so the ratio is 1:2.**



- A cuboid has a volume of  $200 \text{ cm}^3$ , what is its new volume if two of its three dimensions are doubled?

**New volume =  $2 \times 2 \times \text{original volume} = 4 \times 200 = 800 \text{ cm}^3$ .**

- If each mark on the number line represents 1 km, how many kilometers does Fatima's car travel if she goes from her house to the gas station to fill up the car's tank first and then drives to the birthday party?



**From Fatima's House (0) to the Gas Station (4) = 4 km**

**From Gas Station (4) to Party (-9) =  $|4 - (-9)| = 13 \text{ km}$**

**Total distance =  $4 + 13 = 17 \text{ km}$**



a) How far is the distance between 3 and 3 on the number line?

$$\text{Distance} = |3 - 3| = 0 \text{ km}$$

b) Determine which axis the points O (-5, 4) and K (1, 4) lie on.

**Both points have the same y-coordinate (4), which means they lie on a line parallel to the X-axis, but they do not lie on any axis because neither the x nor y coordinate is 0.**

c) What is the distance between the points (5, 3) and (9, 3)?

$$\text{Same y-coordinate} \rightarrow \text{horizontal distance} \\ = |9 - 5| = 4 \text{ units}$$

- A travel agency booked 1,500 tourist trips to Egypt, 70% of which were to visit the Pyramids of Giza. How many trips did the agency book to visit the pyramids of Giza? From this question, write the values that represent the part, the whole, and the percentage

$$\text{Whole} = 1,500 \text{ trips} , \text{ Percentage} = 70\%$$



$$\text{Part} = 70\% \text{ of } 1,500 = \frac{70}{100} \times 1,500 = 1050 \text{ trips}$$

- Assuming you stored 30 boxes of goods, which is 50% of the boxes, what is the total number of boxes?

$$\text{Part} = 30 \text{ boxes} \quad , \text{ Percentage} = 50\%$$

$$\text{Total} = ?$$

Formula:

$$\begin{aligned} \text{Total} &= (\text{Part} \times 100) \div \text{Percentage} \\ &= (30 \times 100) \div 50 \\ &= 60 \text{ boxes} \end{aligned}$$

- If the lunch bill for you and your friend is EGP 300 and the sales tax rate is 5% and a 10% service charge is added, calculate the total amount of lunch.

$$\text{Sales tax: } 5\% \text{ of } 300 = 0.05 \times 300 = 15 \text{ EGP}$$

$$\text{Service charge: } 10\% \text{ of } 300 = 0.10 \times 300 = 30 \text{ EGP}$$

$$\text{Total amount} = 300 + 15 + 30 = 345 \text{ EGP}$$

- In the jump rope competition: Shatha jumped 545 jumps in 5 minutes. Determine the unit rate with whichever strategy you prefer.



$$\text{Unit rate} = \frac{545 \text{ jumps}}{5 \text{ min}} = \frac{109 \text{ jumps}}{\text{min}} = 109 \text{ jumps per minute}$$

- Convert the speed of 500 cm/s to meters per second using the conversion factor?

$$1 \text{ meter} = 100 \text{ centimeters}$$

$$500 \text{ cm/s} = 500 \div 100 = 5 \text{ m/s}$$

- A train is traveling at 0.75 kilometers per minute. What is its speed in kilometers per hour?

$$\text{Speed} = \frac{0.75 \text{ km}}{\text{min}} \times \frac{60 \text{ minutes}}{\text{hour}} = 45 \text{ km/h}$$

- There are 12 boys on the field and 50% of them are wearing blue shirts. How many boys are wearing blue shirts?

$$\text{Number of boys wearing blue shirts} = 50\% \text{ of } 12 = 0.5 \times 12 = 6 \text{ boys}$$

- If 2 cups of flour will be needed to make 15 loaves of bread, how many cups of flour will be needed to make 25 loaves of bread?

$$(2 \text{ cups} / 15 \text{ loaves}) = (x \text{ cups} / 25 \text{ loaves})$$

**Cross-multiplying:**



$$2 \times 25 = 15 \times x$$

$$50 = 15x$$

$$x = 50 \div 15$$

$$x \approx 3.33 \text{ cups}$$

- Doaa says that mixing 4 quantities of red paint to 3 quantities of yellow paint is equivalent to the ratio of 6 quantities of red paint to 5 quantities of yellow paint. Is Doaa correct? Explain your reasons?

**We are given:**

**First ratio: 4 red : 3 yellow**

**Second ratio: 6 red : 5 yellow**

**Let's compare the two ratios using cross multiplication:**

$$4 \times 5 = 20 \quad \text{and} \quad 6 \times 3 = 18$$

**Since ,  $20 \neq 18$  the two ratios are not equal.**

**Conclusion: Doaa is not correct because the two ratios are not equivalent.**



- In a classroom, if the ratio of the number of boys to the number of girls is 3 to 2, and the total number of pupils in the class is 45, how many girls are in the class?

**Boys : girl : total**

$$3 : 2 : 5$$

$$: ? : 45$$

**The number of girls =  $\frac{2 \times 45}{5} = 18$  girls**

- Nabil bought  $1\frac{6}{10}$  bags of sweets at a price of  $8\frac{5}{10}$  LE per bag, how much will Hossam pay?

**Convert the mixed numbers to improper fractions:**

$$- 1\frac{6}{10} = \frac{16}{10}$$

$$- 8\frac{5}{10} = \frac{85}{10}$$

**Multiply the two fractions:**

$$\frac{16}{10} \times \frac{85}{10} = \frac{1360}{100} = 13.6$$

**Answer: Hossam will pay 13.6 L.E.**

