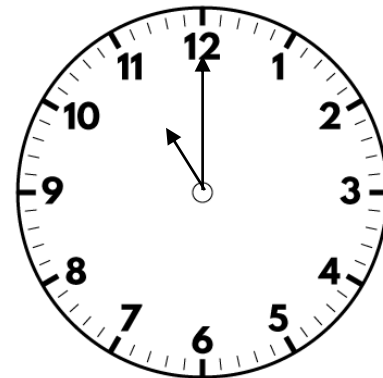
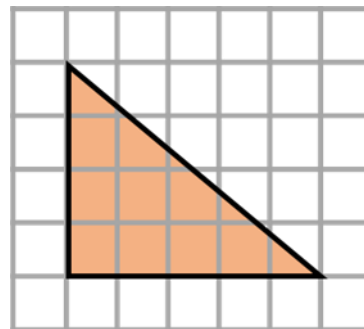


- 1) Find the area of the triangle.

Clue: how do you find the area of a rectangle? Could it be the same method as working out the area of a triangle?



- 2) A square has side lengths of 15 cm.
What is the perimeter of the square?

- 3) Work out 20% of 160

- 4) Subtract 6.4 from 38

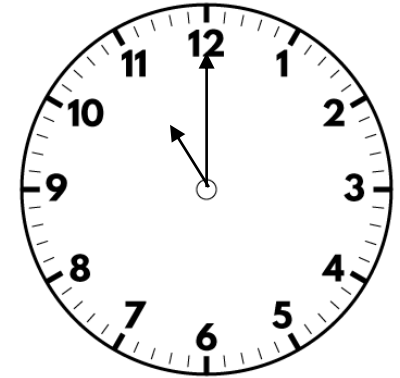
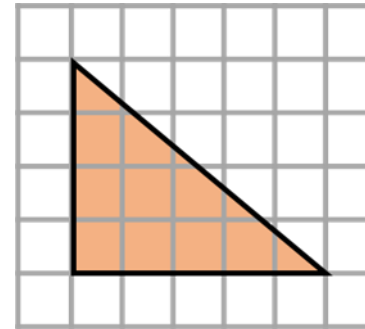
Clue: Which digits have the value of 'ones' in both numbers?

1) Find the area of the triangle.

Rectangle: height x width

*Triangle: height x width and then divide by 2
(every triangle goes twice into the rectangle)*

10 cm²



2) A square has side lengths of 15 cm.
What is the perimeter of the square?

60 cm

3) Work out 20% of 160

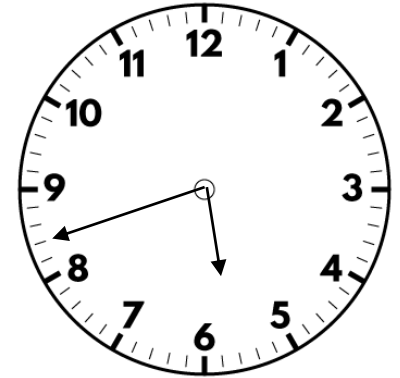
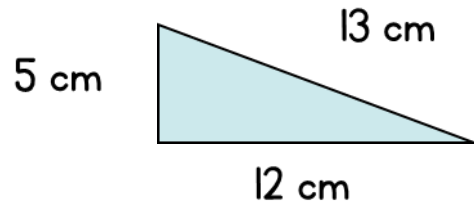
32

4) Subtract 6.4 from 38

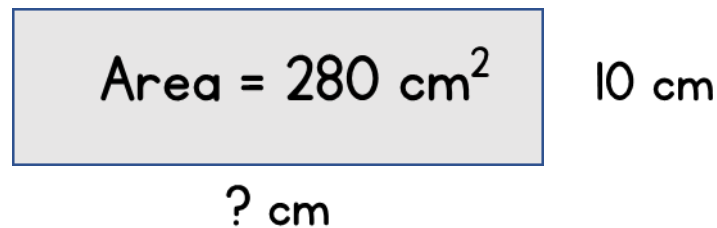
31.6

Clue: 6 and 8 so they need to be vertically in line before calculating.

1) Work out the area of the triangle.



2) What is the length of the missing side?

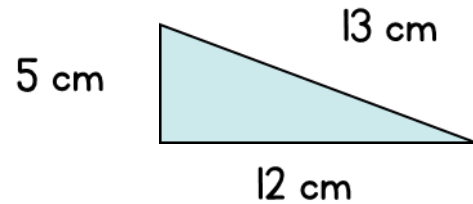


3) Solve the equation $10x = 82$

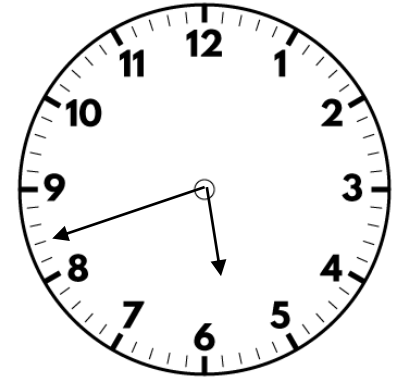
4) Work out $\frac{5}{6} - \frac{3}{8}$

Clue: are the denominators the same?

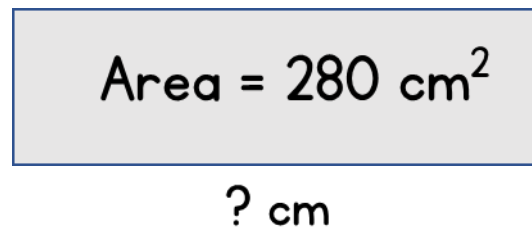
1) Work out the area of the triangle.



30 cm^2



2) What is the length of the missing side?



10 cm

28 cm

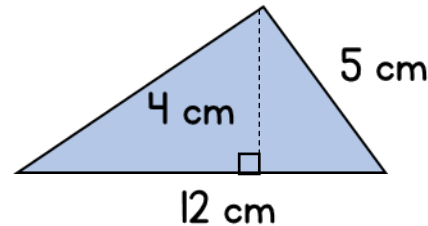
3) Solve the equation $10x = 82$

$x = 8.2$

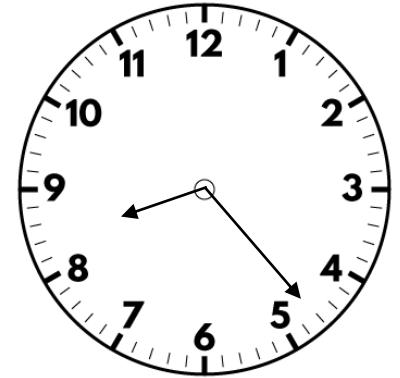
4) Work out $\frac{5}{6} - \frac{3}{8}$

$\frac{11}{24}$

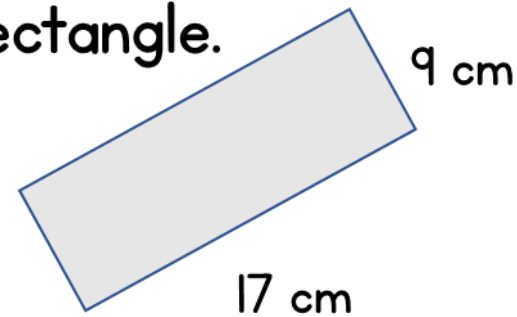
- 1) Work out the area of the triangle.



Clue: how do you recognise the 'height'?



- 2) Calculate the perimeter of the rectangle.

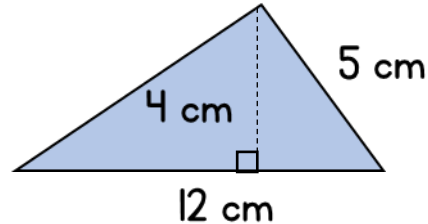


- 3) If $a = 13$, work out the value of $3a + 1$

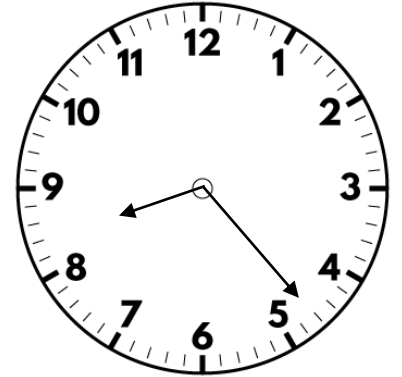
- 4) Add together 9,526 and 3,675

1) Work out the area of the triangle.

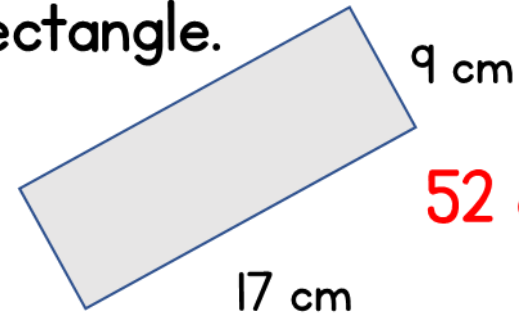
Height is a perpendicular line (creates a right angle).



24 cm²



2) Calculate the perimeter of the rectangle.



52 cm

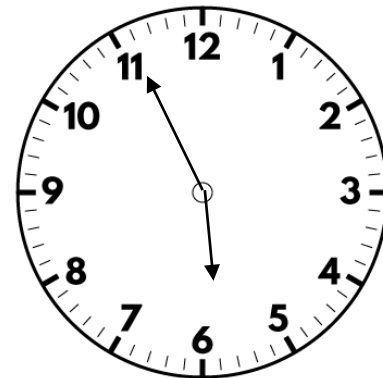
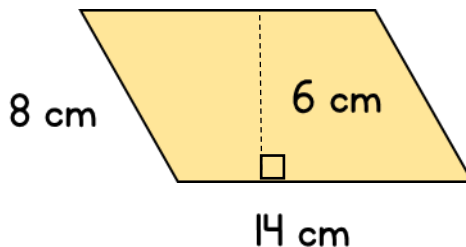
3) If $a = 13$, work out the value of $3a + 1$

40

4) Add together 9,526 and 3,675

13,201

- 1) Calculate the area of the parallelogram.



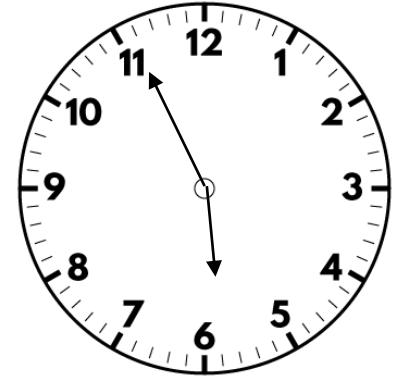
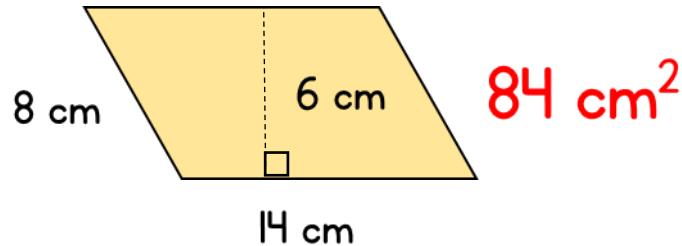
- 2) A square has area 81 cm^2 .
How long are the sides of the square?

Challenge: Is this the only possible answer? Explain:

- 3) Solve the equation $10 = b - 10$

- 4) Work out $3\frac{3}{4} \times 5$ *Challenge: find different ways to work it out.*

1) Calculate the area of the parallelogram.



2) A square has area 81 cm^2 .

9 cm

How long are the sides of the square?

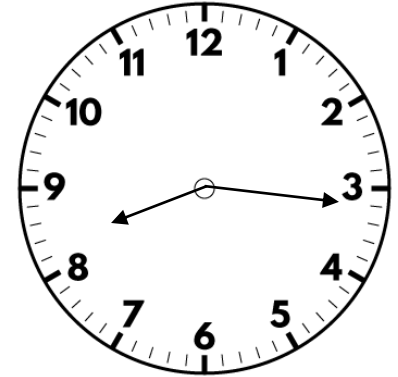
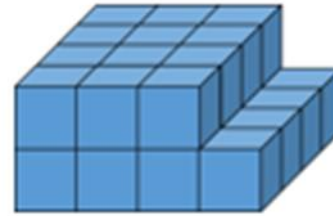
9 is the only answer as the sides of a square need to be the same length.
There would be many answers if it were to be a rectangle.

3) Solve the equation $10 = b - 10$ $b = 20$

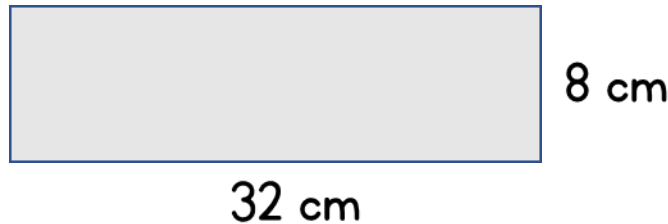
4) Work out $3\frac{3}{4} \times 5$ $18\frac{3}{4}$

Possible methods: e.g. convert into improper fractions and then multiply numerator and denominator or $3 \times 5 + \frac{3}{4} \times 5/1$ (distributive law)

1) Find the volume of the solid.



2) What is the area of the rectangle?



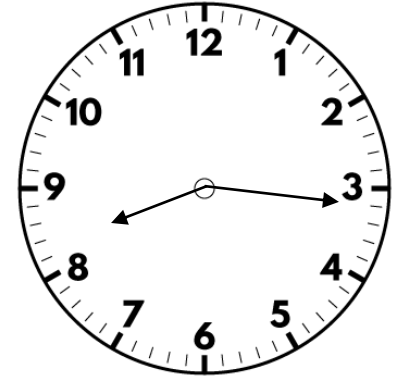
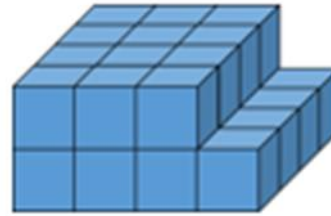
3) $C = 2t + 17$

Work out C when $t = 25$

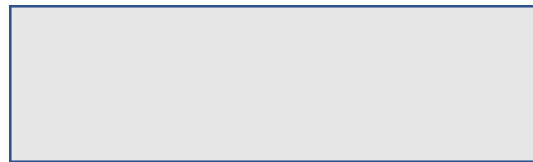
4) Work out $112.2 \div 6$? *Clue: What would $1122 \div 6$ be?*

1) Find the volume of the solid.

28 cm³



2) What is the area of the rectangle?



8 cm

32 cm

256 cm²

3) $C = 2t + 17$

Work out C when $t = 25$

67

4) Work out $112.2 \div 6$?

18.7

$$10 \times 112.2 = 1122$$

$$1122 \div 6 = 187$$

$$187 \div 10 = 18.7$$