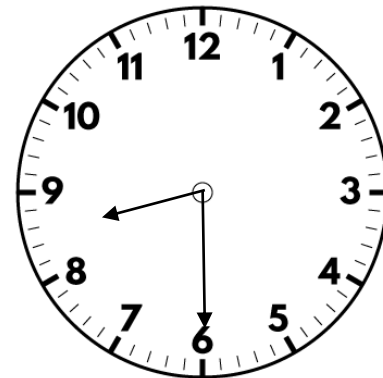


1) $2a + b = 10$

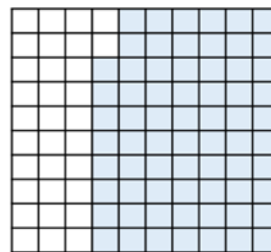
What might the values of a and b be?

Challenge: How many different pairs can you find?



2) Solve the equation $65 = 10y$

3) What percentage is shaded?

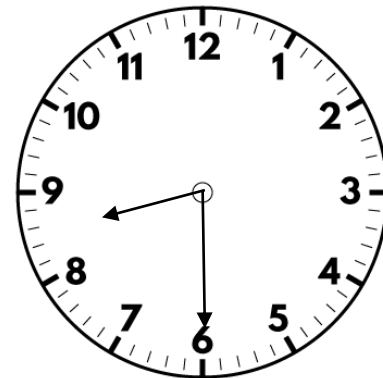


4) Work out $3,128 + 4,673$

1) $2a + b = 10$

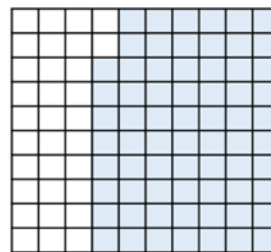
What might the values of a and b be?

5 and 0, 4 and 2, 1 and 4.5 etc.



2) Solve the equation $65 = 10y$ $y = 6.5$

3) What percentage is shaded?

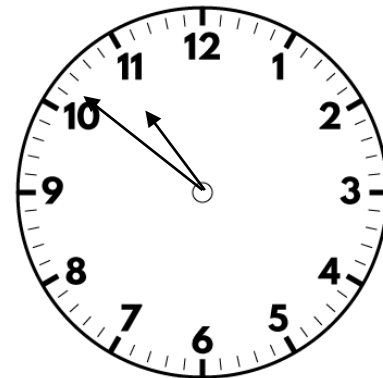


68%

4) Work out $3,128 + 4,673$ $7,801$

- 1) Which unit would you use to measure the length of an ant?

km m cm mm



- 2) Solve the equation $4x - 1 = 35$

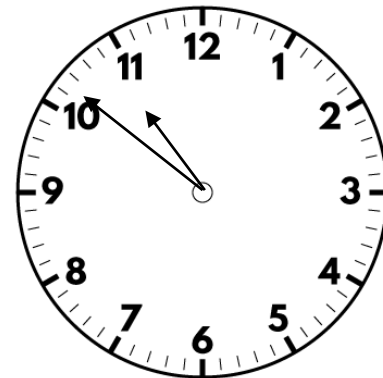
- 3) Work out 75% of £60 *Clue: what fraction equals 75%*
Challenge: find different ways to work this question out? How many can you find?

- 4) Multiply $\frac{5}{7}$ by 4 *Clue: How can you write 4 as a fraction?*

Give your answer as a mixed number.

1) Which unit would you use to measure the length of an ant?

km m cm mm **mm**



2) Solve the equation $4x - 1 = 35$ **$x = 9$**

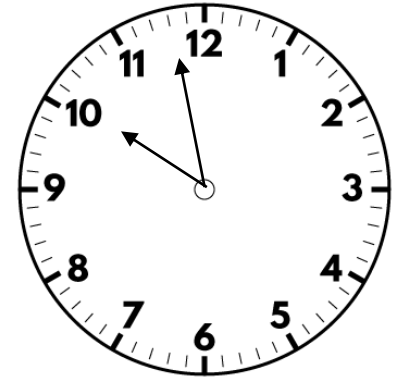
3) Work out 75% of £60 **£45** $75\% = 3/4$

4) Multiply $\frac{5}{7}$ by 4 4 as a fraction = $4/1$
Give your answer as a mixed number.

$2\frac{6}{7}$

1) How many kilograms are there in a tonne?

Clue: an African elephant weighs about 6 tonnes.



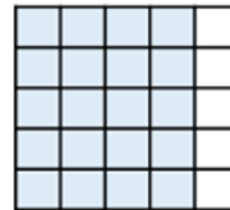
2) I think of a number and subtract 17

My answer is 23

Write this information as an equation.

3) What percentage is shaded?

Clue: How many squares are there?

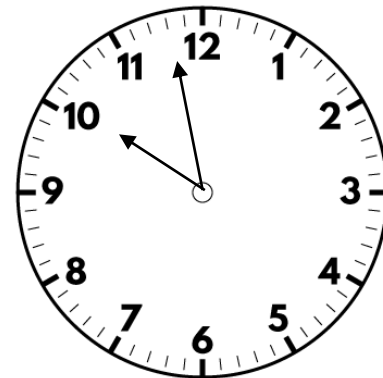


4) What is the mathematical name of this shape?



1) How many kilograms are there in a tonne?

1,000



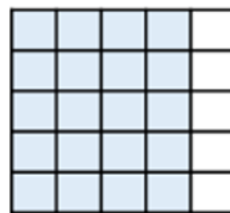
2) I think of a number and subtract 17

My answer is 23

Write this information as an equation.

$$x - 17 = 23$$

3) What percentage is shaded?

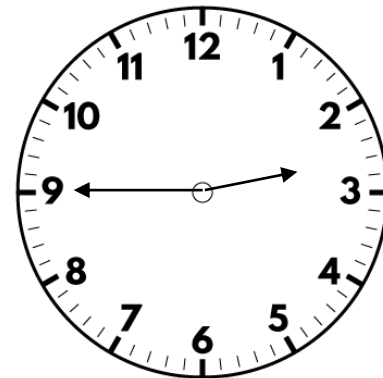


80%

4) What is the mathematical name of this shape?

Parallelogram





- 1) A book weighs 385 g.
How much will 12 books weigh?
Give your answer in kilograms

Think: How many grams in a kilogram? What does 'kilo' mean?

- 2) Solve the equation $2y + 7 = 16$

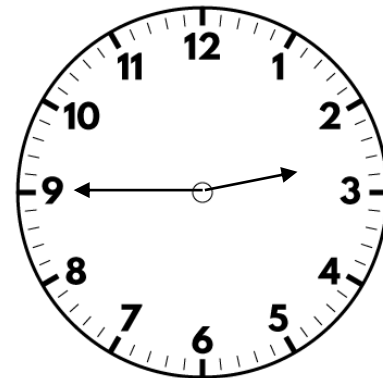
- 3) Work out 15% of 400 kg

*Clue: How many 5 is all of it (here 400kg)?
Could you work out 10%?*

- 4) What is the 6 worth in the number 869,523?

- 1) A book weighs 385 g.
How much will 12 books weigh?
Give your answer in kilograms

4.62(0) kg

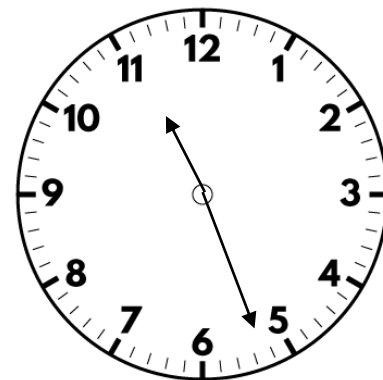


- 2) Solve the equation $2y + 7 = 16$ $y = 4\frac{1}{2}$

- 3) Work out 15% of 400 kg 60 kg All of it (here 400kg) = 100%

- 4) What is the 6 worth in the number 869,523?

Sixty thousand



- 1) 5 miles is about 8 km
About how many miles is 40 km?
- 2) $n = 12$. Work out $5n - 2$
- 3) Write 80% as fraction in its simplest form.
- 4) Which of these numbers are prime?
2 5 7 9 26

1) 5 miles is about 8 km
About how many miles is 40 km?

25

2) $n = 12$. Work out $5n - 2$

58

3) Write 80% as fraction in its simplest form.

 $\frac{4}{5}$

4) Which of these numbers are prime?

2 5 7 9 26

2, 5 and 7

