

2.3.21

Arithmetic

1. $8982 \div 3$

4. $1,902 + 5,867$

2. $\frac{3}{5} \times 4$

5. 23×17

3. $5,425 - 3,247$

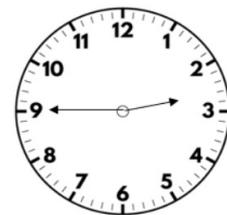
6. 3^3

FB4

Flashback 4

Year 6 | Week 7 | Day 4

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



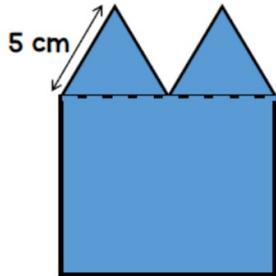
- 2) Solve the equation $2y + 7 = 16$
- 3) Work out 15% of 400 kg
- 4) What is the 6 worth in the number 869,523?

Problems of the Day

Problems of the Day 2019

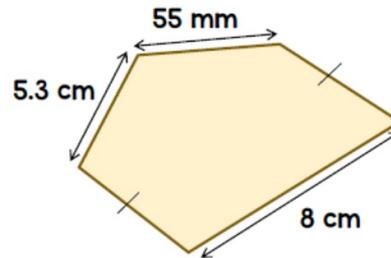
Day
2

- 1 A shape is made up of two equilateral triangles and a square.



What is the perimeter of the shape?

- 2 The perimeter of the pentagon is 25 cm.



Find the missing lengths.



2.3.21

Miles and kilometres

Vocabulary

- units
- converting
- kilometres
- equivalent
- approximate
- miles

2.3.21 Miles and kilometres

Today we are learning to convert between miles and kilometres.

I will be successful if:

- I recognise how many of one unit is equivalent to another unit of measure.
- I can estimate the given unit to check
- my conversion.

I know that 5 miles is approximately 8km.

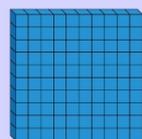
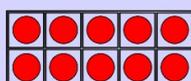
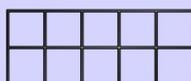
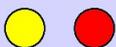
Miles and kilometres



5 miles \approx 8 kilometres

The \approx symbol means 'is approximately equal to'.

We will be using this as a guide for today's learning.



Miles and kilometres

5 miles \approx 8 kilometres

For every 5 miles, we have 8km.

5miles	5miles	5miles
8km	8km	8km

The bar model above shows that we have 3 lots of 5 miles = 15miles and we have 3 lots of 8km = 24km

so 15 miles = 24km

Miles and kilometres

5 miles \approx 8 kilometres

For every 5 miles, we have 8km.

5miles	5miles
8km	8km

10 miles \approx 16km

How many km would 1 mile be (approximately) equal to?

Miles and kilometres

5 miles \approx 8 kilometres

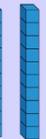
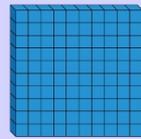
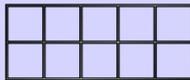
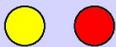
For every 5 miles, we have 8km.

5miles	5miles
8km	8km

10 miles \approx 16km

How many km would 1 mile be (approximately) equal to?

$$\begin{array}{r} 10 \text{ miles} = 16\text{km} \\ \div 10 \\ 1 \text{ mile} = 1.6\text{km} \end{array}$$



Miles and kilometres

5 miles \approx 8 kilometres

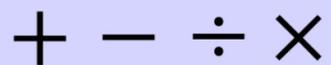
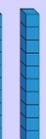
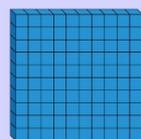
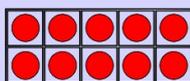
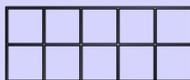
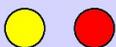
For every 5 miles, we have 8km.

If we wanted to know, how many km is there in 40 miles?

Find out how many lots of 5 are in 40 ($40 \div 5 = 8$)

We have 8 lots, therefore we need 8 lots of 8km

$$8 \times 8 = 64\text{km}$$



2.3.21

Plenary

True or False ?

Miles and kilometres

Amir has walked 18 kilometres and Dora has walked $12\frac{1}{2}$ miles.

Dora has not walked as far as Amir.

