

YEAR 7 NUMERACY – SET 5

Use a calculator to help answer these questions.

Name Date

The oldest recorded Galapagos tortoise lived to be 152 years old.
It died in 2001.

1 In which year was it born?

1849

1851

1858

1859

In 2007, MP3 players cost \$380 each.
At the end of 2009, their price had fallen by 35%.

2 The 2009 price of MP3 players was closest to

\$133

\$247

\$345

\$350

Some students were each given a maze to complete as fast as they could.
Four of them took 15 seconds, one took 25 seconds, two took 30 seconds
and the other one took 35 seconds.

3 The mean (average) number of seconds the students took to complete the maze was

12.5

18

22.5

25

Katie catches a train to school at 7:53.

The train takes 26 minutes to get to the station nearest to her school.

Katie has to be in her classroom at 10 minutes to 9.

4 The longest time Katie can spend getting from the station to her classroom is

21 minutes

31 minutes

41 minutes

71 minutes

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What is the area of the car park at this supermarket?

5

130 m

60 m

50 m

90 m

car park

supermarket

m²

The square courtyard in front of a museum in Peru is covered with 34969 small square tiles. How many tiles are there along one side of this courtyard?

6

tiles

There are 105 students at a country school. 75 of them live on farms and the rest live in the town. What fraction of the students live on farms?

7

$\frac{2}{3}$	$\frac{3}{5}$	$\frac{5}{7}$	$\frac{7}{10}$
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

This fish tank holds 126 litres of water when it is **three-quarters filled**.

8

Which of these could be the dimensions (in centimetres) of the empty fish tank?

$30 \times 60 \times 70$	$40 \times 70 \times 90$	$20 \times 70 \times 90$	$40 \times 60 \times 70$
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>