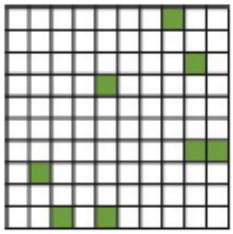
Year 5

Learning Sequence 22

Destination Questions

1

What percentage is shaded in the diagram below?



Explain how you know.

2

Show me 29% of:

- a '100 beadstring'
- a 100mm line
- £1.00

3

Place these proportions of a whole in order of size:

27%, $\frac{23}{100}$, 29 out of 100, 0.28

Explain how you know.

Write another smaller proportion using the word hundredths

4

Alex scored 16 out of 20 in a test. Liam scored 19 out of 25

Who scored the higher percentage?

Prove it.

5

24 out of 400 pupils in a school were absent.
What percentage is that?

6

Spot the mistakes.

$20\% = \frac{2}{100} = 0.02$

$75\% = \frac{75}{100} = \frac{1}{4}$

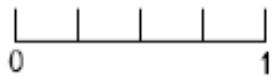
$50\% = \frac{1}{2} = 0.50$

Select a mistake and explain why it might have occurred.

7

Position the following amounts on the number line below.

$\frac{3}{4}$, 0.25, 100%, 4 tenths



Write a fraction, decimal and percentage equivalent for each.

8

Which is greater:

75% of 160 or 10% of 895?

50% of £280 or 25% of £580?

1% of 208 or 50% of 4.2?

75% of 70m or 10% of 520m?

9

Find 20% of 80.

Find 2% of 800.

What do you notice?

Why is that?