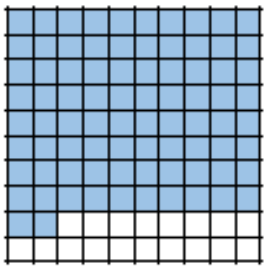
Choose one challenge level

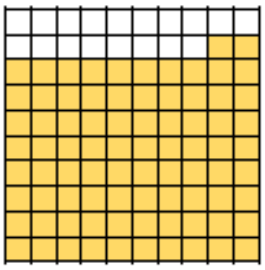
Challenge level – 'expected'

4a. Circle the odd one out.

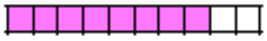
A



B



C



D 82%

Explain your reasoning.

E

R

5a. Put the cards in order from smallest to largest.

51 parts per 100	84%	6 parts out of 10
27%	2 parts per 10	79 parts out of 100

E

PS

6a. Tess and Dan are shown a bar model.

Tess says,

70% is shaded

Dan says,

7% is shaded

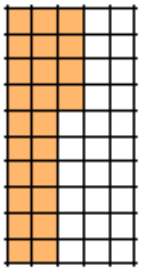
Who is correct? Convince me.

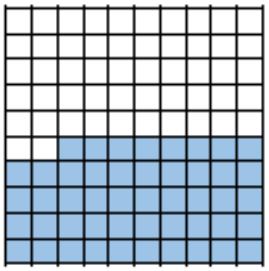
E

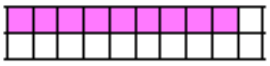
R

Challenge level – 'greater depth'

7a. Circle the odd one out.

A 

B 

C 

D 48%

Explain your reasoning.

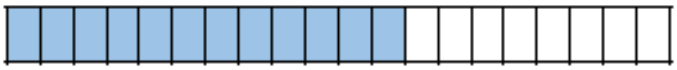
R

8a. Put the cards in order from smallest to largest.

14 parts per 50	51%	11 parts out of 20
27%	6 parts per 20	4 parts out of 10

PS

9a. Eve and Milo are shown a bar model.



Eve says,

50% is shaded

Milo says,

60% is shaded

Who is correct? Convince me.

R

Expected

4a. C is the odd one out because it represents 80%. A, B and D represent 82%.

5a. 2 parts per 10, 27%, 51 parts per 100, 6 parts out of 10, 79 parts out of 100, 84%

6a. Tess is correct because the bar model is split into 10 parts. Percentages are the number of parts out of 100 so 7 needs to be multiplied by 10 to find the percentage.

Greater Depth

7a. C is the odd one out because it represents 45%. A, B and D represent 48%.

8a. 27%, 14 parts per 50, 6 parts per 20, 4 parts out of 10, 51%, 11 parts out of 20

9a. Milo is correct because the bar model is split into 20 parts. Percentages are the number of parts out of 100 so 12 needs to be multiplied by 5 to find the percentage.