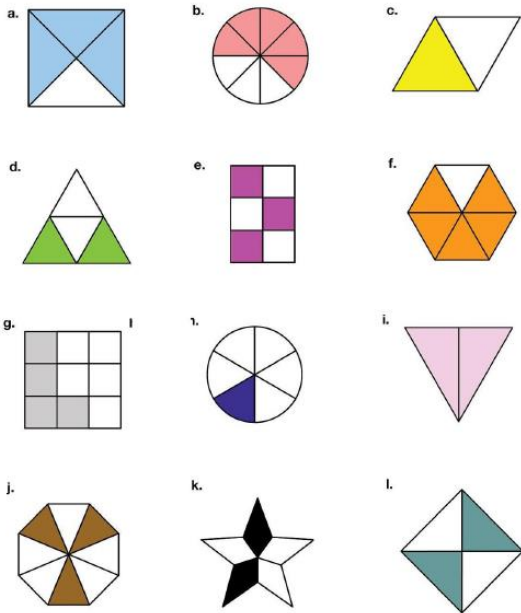


Building Blocks

What fraction of each shape is shaded?



Fractions, Decimals and Percentages

Numbers below 1...

0.913	0.75	0.5	0.25	
↓	↓	↓	↓	
1				0
Units	•	Tenths	Hundredths	Thousandths
0	•	5		
0	•	2	5	
0	•	7	5	
0	•	9	1	3

$\frac{5}{10}$
 $\frac{25}{100}$
 $\frac{75}{100}$
 $\frac{913}{1000}$



Scarimaths

@scarimaths
scarimathematician

Stretch 1

Put the following in ascending order:

$\frac{41}{100}$ 0.401 $\frac{414}{1000}$ $\frac{4}{10}$

Challenge 1

Write each of these decimal numbers as a fraction:

- a) 0.3 f) 0.134
 b) 0.43 g) 0.532
 c) 0.37 h) 0.705
 d) 0.79 i) 0.04
 e) 0.28 j) 0.004

Challenge 2

Write each of these fractions as a decimal number:

- a) $\frac{3}{10}$ b) $\frac{17}{100}$ c) $\frac{84}{100}$
 d) $\frac{254}{1000}$ e) $\frac{9}{100}$ f) $\frac{36}{50}$

Fractions, Decimals and Percentages...

Changing decimals in to percentages

$0.56 \longleftrightarrow 56\%$

$0.29 \longleftrightarrow 29\%$

$0.93 \longleftrightarrow 93\%$

Changing percentages in to fractions

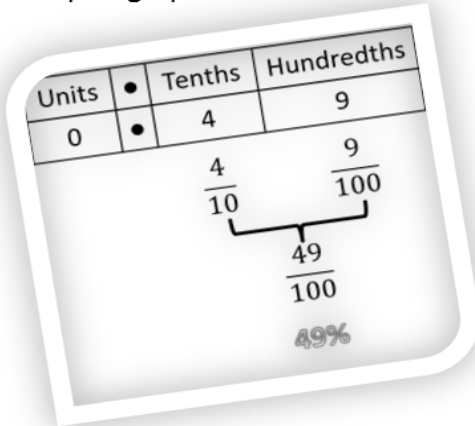
$32\% \longleftrightarrow \frac{32}{100}$

$47\% \longleftrightarrow \frac{47}{100}$

$85\% \longleftrightarrow \frac{85}{100}$

Stretch 2

Fractions, Decimals and Percentages are all linked. Use this picture to help write a short paragraph to describe the link.



Challenge 3

Complete the table below:

Fractions	Decimals	Percentages
	0.52	
		38%
$\frac{73}{100}$		
	0.7	
		5%
$\frac{7}{20}$		