

Literacy

Can you give any examples of words which have “cent” as part of them?

What does Percentage mean?

Memory

When multiplying and dividing by a hundred we move the digits two places to the left and right of the decimal point.

E.G $345 \div 100 = 3.45$

$2.4 \times 100 = 240$

H	T	U	.	Tth	Hth
3	4	5	.	0	
		3	.	4	5
		2	.	4	
2	4	0	.	0	

Rok (Retention of Knowledge) Skill 1

Multiplying and Dividing by 10 and 100

- | | |
|---------------------|--------------------------|
| 1) $40 \div 10 =$ | 6) $7 \times 10 =$ |
| 2) $320 \div 10 =$ | 7) $82 \times 100 =$ |
| 3) $48 \div 10 =$ | 8) $3.4 \times 10 =$ |
| 4) $352 \div 100 =$ | 9) $3.7 \times 100 =$ |
| 5) $25 \div 100 =$ | 10) $52.12 \times 100 =$ |

Happy feet – Conversions you need to know Skill 2

Conversion f –d-p

Stretch 1

Fraction	Decimal	Percentage
	0.13	
	0.5	
		80%
$\frac{11}{100}$		
$\frac{13}{20}$		

Converting: Decimal and percentages Skill 3

Decimal	Percentage	Decimal	Percentage
0.45			38%
0.12			72%
0.05			5%
0.015			12.5%
0.725			0.5%

Ordering numbers

Put in ascending order

Convert all to decimals first.

Stretch 2

$$\frac{1}{5} \quad 18\% \quad 0.19 \quad 25\% \quad \frac{3}{8} \quad 0.17 \quad \frac{3}{20}$$

Conversion Between Fractions, Decimals and Percentages

Fill in the Gaps

1) $\frac{1}{2}$ = \cdot = %

2) $\frac{\quad}{\quad}$ = 0.25 = %

3) $\frac{\quad}{\quad}$ = \cdot = 75%

4) $\frac{1}{10}$ = \cdot = %

$\frac{\quad}{\quad}$ = 0.01 = %

