**Fractions, Decimals and Percentages (1)**

Objective : to be able to convert common fractions, decimals and percentages

Starter questions

Copy and highlight:

* $\frac{1}{10}$ = 0.1 = 10%
* $\frac{1}{100}$ = 0.01 = 1%
* $\frac{1}{4}$ = 0.25 = 25%
* $\frac{1}{2}$ = 0.5 = 50%
* $\frac{3}{4}$ = 0.75 = 75%
* $\frac{1}{5}$ = 0.2= 20%

How many?

1. 3’S in 18?
2. 4’s in 64?
3. 5’s in 40?
4. 7’s in 56
5. 11’s in 110?

 Work out:

1. 7x18=
2. 12x 9=
3. 15 x 4=
4. 13 x 13=
5. 17 x 5=

**Main questions**

Copy down these statements, when you have finished see if you can tick off any of the statements

* I can convert between decimals and percentages
* I can convert between simple fractions and percentages
* I can convert between simple fractions and decimals
1. Convert these decimals to percentages
	1. 0.75 b. 0.1 c.0.2 d.0.35 e.0.42
2. Convert these percentages to decimals:
	1. $\frac{43}{100}$ b. $\frac{51}{100}$ c.$ \frac{74}{100}$ d.$ \frac{3}{100}$ e.$ \frac{5}{100}$
3. Convert these fractions to percentages
	1. $\frac{3}{5}$ b. $\frac{7}{10}$ c.$ \frac{8}{100}$ d.$ \frac{27}{100}$ e.$ \frac{4}{5}$
4. Convert these percentages to fractions
	1. 25% b. 33% c. 51% d.80% e. 20%
5. Convert these fractions to decimals
	1. $\frac{4}{10}$ b. $\frac{9}{10}$ c.$ \frac{74}{100}$ d.$ \frac{3}{100}$ e.$ \frac{5}{100}$
6. Convert these decimals to fractions
	1. 0.7 b. 0.6 c.0.22 d.0.35 e.0.42

**Star task**

**Design a revision page for the work today, include any tips you have found useful taht you may forget before you do this work again, it needs to be colourful to and it must make sense to someone who wasn’t in the lesson today**