05.02.21   Fluent in five

1) 3,212 ÷ 4 =

2) 7,536 - 3,001 =

3) 156,400 - 86,148 =

4) 536 x 9 =

5) 360 ÷ 60 =

6) $2\frac{1}{8} + 5\frac{2}{4} =$

1) 3,216 ÷ 4 =

2) 7,536 - 3,001 =

3) 6,400 - 6,148 =

4) 145 x 3 =

5) 11.6 - 9.7 =

WALT order fractions decimals and percentages

https://vimeo.com/497582311

Order these from smallest to largest

$$\frac{11}{100} \qquad \frac{18}{100} \qquad \frac{9}{100}$$

What about these?

0.19   0.17   0.13

How does this change is we are ordering these?

$$\frac{1}{10} \qquad 0.09 \qquad 15\%$$

What steps do we need to follow?

Let's work these out as a class

Write <, > or = to complete the statements.

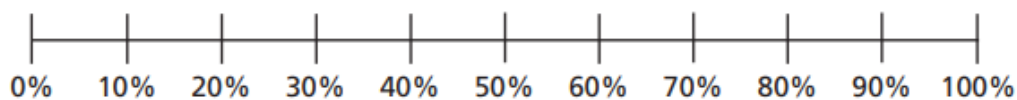a) 64% ◯ 0.46

d) 0.8 ◯ 80%

b) 0.96 ◯ $\frac{97}{100}$

e) 67% ◯ $\frac{7}{10}$

c) $\frac{3}{5}$ ◯ 35%

f) $\frac{7}{20}$ ◯ 0.3

Try these!

a) 9% $\frac{9}{10}$ 0.99   19%

| 0% | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% |

b) $\frac{2}{5}$ 0.52   45%   0.2

| 0 | $\frac{1}{5}$ | $\frac{2}{5}$ | $\frac{3}{5}$ | $\frac{4}{5}$ | 1 |

Varied Fluency

Use <, > or = to complete the statements:

60% ◯ 0.6 ◯ $\frac{3}{5}$

0.23 ◯ 24% ◯ $\frac{1}{4}$

37.6% ◯ $\frac{3}{8}$ ◯ 0.27

Order from smallest to largest:

| 50% | $\frac{2}{5}$ | 0.45 | $\frac{3}{10}$ | 54% | 0.05 |

Four friends share a pizza. Whitney eats 35% of the pizza, Teddy eats 0.4 of the pizza, Dora eats 12.5% of the pizza and Alex eats 0.125 of the pizza.

Write the amount each child eats as a fraction.
Who eats the most? Who eats the least? Is there any left?

In his first Geography test, Mo scored 38%

In the next test he scored $\frac{16}{40}$

Did Mo improve his score?

Explain your answer.

Which month did Eva save the most money?

Estimate your answer using your knowledge of fractions, decimals and percentages.
Explain why you have chosen that month.

In January, Eva saves $\frac{3}{5}$ of her £20 pocket money.

In February, she saves 0.4 of her £10 pocket money.

In March, she saves 45% of her £40 pocket money.