

$\frac{1}{4} \frac{1}{5} \frac{3}{2}$ or $\frac{4}{4} \frac{2}{4} \frac{1}{4}$ or $\frac{1}{1} \frac{3}{3}$ or $\frac{4}{4} \frac{2}{2} \frac{1}{1}$ or $\frac{1}{1} \frac{3}{3}$

MATHS

Which do you prefer? Bus stop or column method?

Fractions $\frac{1}{2}$

$\frac{1}{2} = \frac{50}{100}$
 $\frac{1}{2} = \frac{30}{60}$
 $\frac{1}{2} = \frac{18}{36}$
 $\frac{1}{2} = \frac{70}{140}$
 $\frac{1}{2} = \frac{800}{1600}$
 $\frac{1}{2} = \frac{8}{16}$

Key Vocabulary
 Fraction simplify
 numerator denominator
 mixed fraction
 improper fraction
 unit fraction proper fraction
 equivalent
 Tenths Hundredths
 Thousandths

mixed fractions are fractions with a whole number

Denominator is how many equal parts a whole has been split into

A fraction is part of a whole.

numerator is how many equal parts we have taken focus on.

Decimals Year 6

$\frac{25}{100} = \frac{5}{20} = \frac{1}{4}$
 $\frac{3}{4} = \frac{75}{100}$
 $\frac{1}{100} = \frac{10}{100} = \frac{1}{10}$

$0.1 = \frac{1}{10}$
 $0.2 = \frac{2}{10}$
 $0.3 = \frac{3}{10}$
 $0.4 = \frac{4}{10}$
 $0.5 = \frac{5}{10} = \frac{1}{2}$
 $0.6 = \frac{6}{10}$
 $0.7 = \frac{7}{10}$
 $0.8 = \frac{8}{10}$

Tenths Hundredths Thousandths

Decimals are part of a whole

$0.25 = \frac{1}{4}$
 $0.75 = \frac{3}{4}$
 $0.2 = \frac{1}{5}$
 $0.4 = \frac{2}{5}$

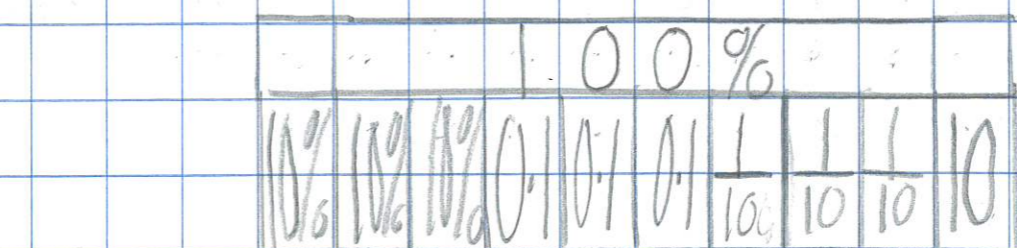
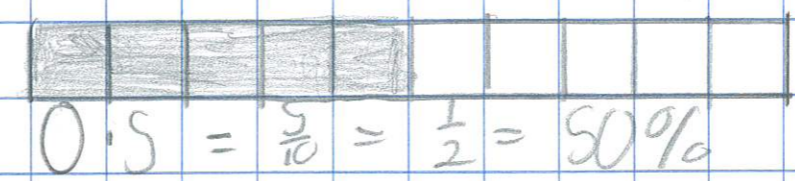
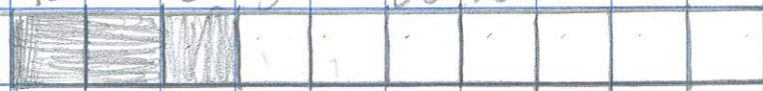
PERCENTAGES

$25\% = 0.25 = \frac{1}{4}$
 $50\% = 0.5 = \frac{1}{2}$
 $75\% = 0.75 = \frac{3}{4}$
 $20\% = 0.2 = \frac{1}{5}$
 $40\% = 0.4 = \frac{2}{5}$
 $60\% = 0.6 = \frac{3}{5}$
 $80\% = 0.8 = \frac{4}{5}$

To find 10% of an amount you must divide by 10

To find 1% of an amount you must divide by 100

$100\% = 1 = 1$
 $\frac{3}{10} = 0.3 = 30\%$



BAR MODEL

To find 75% of an amount divide by 25% + 50%
 To find 50% of an amount divide by $\frac{1}{2}$ or 2
 To find 25% of an amount divide by $\frac{1}{4}$ or 4