

Mr Brennan's Maths Homework

Vocabulary

Can you define these mathematical terms we have been using this week?

Mixed number Roman numeral equivalent fraction
Improper fraction common denominator

1. Mental Questions- Rounding to the nearest required degree of accuracy

- a) Round 10.567 to the nearest tenth
b) Round 999 to the nearest whole unit?
c) Round 100,956 to the nearest 100
d) Use the correct symbol to organise 456.67 and 456.333 (< or >)
- e) Use the correct symbol to organise 3.867 and 3.893 (< or >)
f) Round 4.5786 to the nearest hundredth

LO - To calculate fraction decimal and percentage equivalents.

Fill in the table - Convert to tenths and hundredths if needed or use division to help you.

Fractions / (challenge) simplified	Decimals	Percentages
$\frac{1}{2}$	0.5	50%
		22%
$\frac{7}{10}$		
		45%
	0.14	
		25%
$\frac{2}{5}$		
	0.07	

		80%
$\frac{5}{5}$		

Challenge - LO: To convert mixed numbers into improper fractions.

Convert the following mixed numbers to improper fractions. If it helps you, remember to multiply the denominator by the whole number and add the numerator to calculate the new top heavy numerator the denominator stays the same.

- $1 \frac{6}{7} =$
- $5 \frac{2}{5} =$
- $22 \frac{1}{2} =$
- $5 \frac{3}{5} =$

