

Morning y5 (Thursday) now we are returning to focus (fractions/percentages/decimals)

However, please complete the Monday-Wed white rose lessons first.

Objective:
Fractions

Decimals: Recognise the percent symbol (%) and understand that per cent relates to 'number of parts per hundred' and write percentages as a fraction with denominator 100, and as a decimal.

Complete the missing values. Remember 66% would be $\frac{66}{100}$ or 0.66

Percentage (%)	Decimal Fraction	Fraction
50%		
25%		
33%		
	0.3	
	0.6	
	0.75	
	0.2	

%	decimal	fraction
		$\frac{3}{4}$
		$\frac{3}{10}$
		$\frac{1}{4}$
		$\frac{1}{10}$

***decimal fraction means decimal**

If you can't convert a fraction to tenths or hundredths you can calculate a decimal by using a calculator.

You divide the numerator by the denominator.

Think of some tricky fractions that have denominators of 6 or 7 or 8 or 12.

Make up your fractions then use a calculator to find the decimals.

Now find the [claw game in topmarks percentages section](#) and use your knowledge of conversions to estimate on a number line. Have fun!

Scroll down for answers....

Answers

%	decimal	fraction
50%	0.5	half
25%	0.25	quarter
33%	0.33	$\frac{33}{100}$
30%	0.3	3 tenths
60%	0.6	6 tenths
75%	0.75	$\frac{3}{4}$
20%	0.2	2 tenths
30%	0.3	3 tenths
40%	0.4	4 tenths

Percentage (%)	Decimal Fraction	Fraction		Percentage (%)	Decimal Fraction	Fraction	
50%						3/4	
25%						5/6	
33%						3/10	
	0.3					1/4	
	0.6					2/9	
	0.75					4/10	
	0.2					7/8	