

Maths Workout - Number

Topic 19 - Percentages 1				
Target 1	Target 2	Target 3	Target 4	Target 5
<i>Convert between fractions, decimals and percentages; Compare the value of fractions, decimals & percentages</i>	<i>Identify the percentage of a shape which is shaded; Shade in the correct percentage of a given shape</i>	<i>Calculate a percentage of a quantity without a calculator</i>	<i>Calculate a percentage of quantity using a calculator</i>	<i>Calculate simple interest</i>
1. Convert between a decimal and a percentage (1/10)	1. Identify the percentage of a shape that is coloured (1/2:x/4:x/10:x/5)	1. Calculate a percentage of a quantity; 10,25,75,100	1. Calculate a whole number percentage of a quantity	1. Calculate simple interest with assistance; whole number interest rate; whole pounds
2. Convert between a decimal and a percentage (1/4,1/8)	2. Identify the percentage of a shape that is coloured (x/4:x/3:x/5:x/8)	2. Calculate a percentage of a quantity; 10,25,75,100; larger numbers	2. Calculate a whole number percentage of a quantity; larger numbers	2. Calculate simple interest with assistance; whole number interest rate
3. Convert between a decimal and a percentage (1/20,1/100)	3. Identify the percentage of a shape that is coloured (x/20:x/40:x/50)	3. Calculate a percentage of a quantity; 5,10,20,30,40; whole number answers	3. Calculate a fractional percentage of a quantity	3. Calculate simple interest with assistance; fractional interest rate; multiples of 10
4. Convert between a fraction and a percentage (1/10)	4. Colour the given fraction of a shape (1/2:x/4:x/10:x/5)	4. Calculate a percentage of a quantity; 5,10,20,30,40	4. Calculate a fractional percentage of a quantity; multiples of 100	4. Calculate simple interest with assistance; fractional interest rate
5. Convert between a fraction and a percentage (1/5,1/8)	5. Colour the given fraction of a shape (x/4:x/3:x/5:x/8)	5. Calculate a percentage of a quantity; 5,10,15,20,30,40	5. Calculate a fractional percentage of a quantity; large whole numbers	5. Calculate simple interest; whole number interest rate
6. Convert between a fraction and a percentage (1/3,1/20)	6. Colour the given fraction of a shape (x/20:x/40:x/50); optional motion	6. Calculate a percentage of a quantity; 5,10,15,20,30,35,40	6. Calculate a whole number percentage > 100 of a quantity	6. Calculate simple interest; fractional interest rate; multiples of 10
7. Convert between a fraction, decimal and percentage (1/4,1/5,1/10)		7. Calculate a percentage of a quantity; 0.5,1,1.5,2,3.5		7. Calculate simple interest; fractional interest rate; halves of years
8. Convert between a fraction, decimal and percentage (1/3,1/8,1/100)		8. Calculate a percentage of a quantity; 0.5,1,1.5,2,98,99,99.5		8. Calculate simple interest; table form; whole number interest rate; whole years
9. Memory game: Identify a decimal and percentage of equivalent value (1/2,1/4,1/10)		9. Calculate a percentage of a quantity; x12.5		9. Complete missing entries in a table of simple interest calculations; whole number interest rate
10. Memory game: Identify a decimal and percentage of equivalent value (1/3,1/8,1/100)		10. Calculate a percentage of a quantity; mixed examples from tasks 1 to 9		10. Complete missing entries in a table of simple interest calculations; fractional interest rate
11. Memory game: Identify a fraction and percentage of equivalent value (1/2,1/4,1/10)				
12. Memory game: Identify a fraction and percentage of equivalent value (1/4,1/5,1/8,1/10)				
13. Sort fractions, decimals and percentages				
14. Sort fractions, decimals and percentages; extension				