

# Maths Workout - Number

<b>Topic 21 - Ratio</b>				
<b>Target 1</b>	<b>Target 2</b>	<b>Target 3</b>	<b>Target 4</b>	<b>Target 5</b>
<i>Simplify a ratio</i>	<i>Identify the ratio of shaded area to unshaded area in a shape</i>	<i>Share an amount in a given ratio</i>	<i>Solve mixed ratio questions in context</i>	<i>Use a map scale to calculate real and map distances</i>
1. Simplify a ratio; 2 part ratio	1. Identify the ratio of shaded area to unshaded area in a shape (parts: 2,3,4,5)	1. Divide an amount in a given ratio; whole pounds; 2 part ratio	1. Complete a table of values for mixing 2 paint colours in a given ratio	1. Calculate the real distance given the scale and the map distance
2. Simplify a ratio; 2 part ratio; greater common factors	2. Identify the ratio of shaded area to unshaded area in a shape (parts: 4,5,6)	2. Divide an amount in a given ratio; whole kg; 2 part ratio	2. Complete a table of values for mixing 2 paint colours in a given ratio	2. Calculate the map distance given the scale and the real distance
3. Simplify a ratio; 2 part ratio; greater common factors	3. Identify the ratio of shaded area to unshaded area in a shape (parts: 6,7,9)	3. Divide an amount in a given ratio; whole pounds; larger ratio values; 2 part ratio	3. Calculate the correct amount of paint for a mixture made from a given ratio of 2 different colours	3. Calculate the real or map distance given the map or real distance and the scale
4. Simplify a ratio; 3 part ratio	4. Identify the ratio of shaded area to unshaded area in a shape (parts: 9,8,12,16)	4. Divide an amount in a given ratio; pounds and pence; 2 part ratio	4. Calculate the correct amount of paint for a mixture made from a given ratio of 2 different colours	
5. Simplify a ratio; 3 part ratio; greater common factors	5. Identify the ratio of shaded area to unshaded area in a shape (parts: 10,12,16,32)	5. Complete a table of ratios dividing an amount in a given ratio; whole answers; 2 part ratio	5. Calculate a ratio from a fraction	
6. Simplify a ratio of quantities expressed in different units; with assistance		6. Divide an amount in a given ratio; whole pounds; 3 part ratio	6. Calculate a fraction from a ratio	
7. Simplify a ratio of quantities expressed in different units; with assistance		7. Divide an amount in a given ratio; whole pounds; 3 part ratio; larger ratio values	7. Calculate a ratio from information in context	
8. Express a ratio in simplest form from information in context		8. Divide an amount in a given ratio; pounds and pence; 3 part ratio	8. Calculate a ratio from information in context	
9. Memory game; identify a ratio and its simplest form		9. Find the angles of a triangle given their ratio		
10. Speed response; match ratios with their simplest form; unitary ratios		10. Find the angles of a quadrilateral given their ratio		
11. Speed response; match ratios with their simplest form				