

Writing Ratios Worksheet

1 Write these as ratios.

- a There are 3 g of flour for every 2 g of butter.
Write the ratio of flour to butter.
- b A water molecule is made of 2 hydrogen atoms and 1 oxygen atom.
Write the ratio of hydrogen to oxygen.

2 Write the ratio of grey to white tiles for each pattern.

- a 
- b 
- c 

- d Complete the sentence for the tiles in parts a to c.
For every 1 shaded tile there are white tiles.

3 Write each ratio in its simplest form.

- a 2 : 10
- b 12 : 3
- c 10 : 30

4 Write each ratio in its simplest form.

- a 6 : 10 b 40 : 25
- c 32 : 24 d 24 : 30

5 **Problem-solving** On a school trip there are 3 members of staff and 30 students.
The recommended ratio of staff to students is 1 : 10.
Has the school got the correct ratio?

6 Write each ratio in its simplest form.

- a 12 : 14 : 4
- b 20 : 40 : 10
- c 6 : 30 : 18
- d 36 : 63 : 81

7 **Problem-solving** A recipe has the ingredients 200 g butter, 300 g flour and 50 g sugar.
Write the ratio of **butter : flour : sugar** in its simplest form.