

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?

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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.