

# Interleaved: adding, multiplying and dividing fractions

1

Work out  $\frac{2}{3} + \frac{1}{4}$ . Give your answer in its simplest form.

Which method?

Add or subtract

Multiply

Divide

*common denominator 12:  $\frac{8}{12} + \frac{3}{12}$*

Answer  $\frac{11}{12}$

2

Work out  $\frac{3}{5} \times \frac{2}{7}$ . Give your answer in its simplest form.

Which method?

Add or subtract

Multiply

Divide

Answer \_\_\_\_\_

3

Work out  $\frac{3}{4} \div \frac{2}{5}$ . Give your answer in its simplest form.

Which method?

Add or subtract

Multiply

Divide

Answer \_\_\_\_\_

4

Work out  $\frac{5}{6} - \frac{3}{8}$ . Give your answer in its simplest form.

Which method?

Add or subtract

Multiply

Divide

Answer \_\_\_\_\_

5

Work out  $2\frac{1}{2} \div \frac{3}{4}$ . Give your answer in its simplest form.

Which method?

Add or subtract

Multiply

Divide

Answer \_\_\_\_\_

6

A path is  $1\frac{1}{3}$  km long. Lily has walked  $\frac{3}{5}$  of it. How far has she walked?

Which method?

Add or subtract

Multiply

Divide

Answer \_\_\_\_\_

7

Work out  $1\frac{3}{4} + 2\frac{2}{3}$ . Give your answer in its simplest form.

Which method?

Add or subtract

Multiply

Divide

Answer \_\_\_\_\_

8

A jug holds 6 litres of squash. How many glasses holding  $\frac{3}{8}$  of a litre can be filled from it?

Which method?

Add or subtract

Multiply

Divide

Answer \_\_\_\_\_

# Interleaved: adding, multiplying and dividing fractions *further practice*

9

Mo practises the piano for  $\frac{3}{4}$  of an hour every day for 5 days. How long is that altogether?

Answer \_\_\_\_\_

10

Ali eats  $\frac{1}{3}$  of a pizza and Ben eats  $\frac{2}{5}$  of it. What fraction of the pizza is left?

Answer \_\_\_\_\_

11

Work out  $\frac{4}{9} \div \frac{2}{3}$ . Give your answer in its simplest form.

Answer \_\_\_\_\_

12

A rectangular rug is  $2\frac{1}{4}$  m long and  $1\frac{1}{3}$  m wide. Find its area.

Answer \_\_\_\_\_

13

Work out  $3\frac{1}{2} - 1\frac{4}{5}$ . Give your answer in its simplest form.

Answer \_\_\_\_\_

14

A ribbon  $5\frac{1}{4}$  m long is cut into pieces  $\frac{3}{4}$  m long. How many pieces are there?

Answer \_\_\_\_\_

15

$\frac{3}{4}$  of a class of 32 walk to school.  $\frac{2}{3}$  of those who walk come with a friend. How many come with a friend?

Answer \_\_\_\_\_

16

Sam says  $\frac{1}{2} + \frac{1}{3} = \frac{2}{5}$ . Explain why he is wrong and find the right answer.

Answer \_\_\_\_\_