Fractions × whole numbers

Use the raw product to check the multiplication before reducing.

Write the whole number over 1. Give each product in simplest form.

Q1 $\frac{2}{3} \times 6$

Numerators 2 × 6 = 12

Denominators 3 × 1 = 3

Raw product 12/3

Simplest form 4

Divide top and bottom by 3.

Q2 $\frac{7}{12} \times 5$

Numerators 7 × 5 = 35

Denominators 12 × 1 = 12

Raw product 35/12

Simplest form 35/12

Q3 $\frac{8}{11} \times 11$

Numerators 8 × 11 = 88

Denominators 11 × 1 = 11

Raw product 88/11

Simplest form 8

Divide top and bottom by 11.

Q4 $\frac{1}{6} \times 8$

Numerators 1 × 8 = 8

Denominators 6 × 1 = 6

Raw product 8/6

Simplest form 4/3

Divide top and bottom by 2.

Q5 $\frac{1}{3} \times 3$

Numerators 1 × 3 = 3

Denominators 3 × 1 = 3

Raw product 3/3

Simplest form 1

Divide top and bottom by 3.

Q6 $\frac{9}{10} \times 11$

Numerators 9 × 11 = 99

Denominators 10 × 1 = 10

Raw product 99/10

Simplest form 99/10

Q7 $\frac{5}{7} \times 7$

Numerators 5 × 7 = 35

Denominators 7 × 1 = 7

Raw product 35/7

Simplest form 5

Divide top and bottom by 7.

Q8 $\frac{4}{5} \times 8$

Numerators 4 × 8 = 32

Denominators 5 × 1 = 5

Raw product 32/5

Simplest form 32/5