

All Fractions of amounts and scaling

Name _____

Page 1 of 2

Solve problems with simple fractions.

- 1** A tray bake is cut into 8 equal squares. Sam eats $\frac{5}{8}$ and Jo eats $\frac{1}{8}$. What fraction is left? $\square/8$.

- 2** A cake is cut into 4 equal slices. Ella eats $\frac{2}{4}$ and Kofi eats $\frac{1}{4}$. What fraction of the cake is that altogether?

- 3** A jug holds 1 litre. You pour out 4 tenths (0.4 litres). How much is left, in litres?

 litres

- 4** A garden is cut into 6 equal beds. Ella waters $\frac{3}{6}$ and Kofi waters $\frac{2}{6}$. What fraction of the garden is that altogether?

- 5** A loaf is cut into 10 equal slices. Sam eats $\frac{4}{10}$ and Jo eats $\frac{4}{10}$. What fraction is left? $\square/10$.

- 6** A pie is cut into 5 equal pieces. Ryan eats $\frac{3}{5}$ and Zara eats $\frac{1}{5}$. What fraction of the pie is that altogether?

 Free to print and share. Posting it online? Please link to www.tigersharkeducation.co.uk/resources

For adaptive SATs maths practice that targets each child's weak spots, try the
Tiger Shark Education Year 6 SATs Practice app
www.tigersharkeducation.co.uk



**For adaptive SATs maths practice that targets each child's weak spots, try the
Tiger Shark Education Year 6 SATs Practice app
www.tigersharkeducation.co.uk**



**For adaptive SATs maths practice that targets each child's weak spots, try the
Tiger Shark Education Year 6 SATs Practice app
www.tigersharkeducation.co.uk**



**For adaptive SATs maths practice that targets each child's weak spots, try the
Tiger Shark Education Year 6 SATs Practice app
www.tigersharkeducation.co.uk**



Solve scaling, rate and fraction problems.

- 6 5 bananas cost £45. At the same price, how much do 10 bananas cost?

**For adaptive SATs maths practice that targets each child's weak spots, try the
Tiger Shark Education Year 6 SATs Practice app
www.tigersharkeducation.co.uk**



**For adaptive SATs maths practice that targets each child's weak spots, try the
Tiger Shark Education Year 6 SATs Practice app
www.tigersharkeducation.co.uk**

Fractions of amounts and scaling: answers

All Solve problems with simple fractions.

1 2

2 $\frac{3}{4}$

3 0.6 litres $1 - 0.4 = 0.6$ litres

4 $\frac{5}{6}$

5 2

6 $\frac{4}{5}$

7 0.5 litres $1 - 0.5 = 0.5$ litres

8 $\frac{6}{8}$

9 0.8 litres $1 - 0.2 = 0.8$ litres

10 $\frac{7}{10}$

11 0.4 litres $1 - 0.6 = 0.4$ litres

12 $\frac{6}{10}$

Most Find a fraction of an amount.

1 4 $\frac{2}{5}$ of 10 = $(10 \div 5) \times 2 = 4$

2 6 $\frac{1}{8}$ of 48 = $(48 \div 8) \times 1 = 6$

3 40 $\frac{5}{8}$ of 64 = $(64 \div 8) \times 5 = 40$

4 16 $\frac{2}{5}$ of 40 = $(40 \div 5) \times 2 = 16$

5 45 $\frac{5}{6}$ of 54 = $(54 \div 6) \times 5 = 45$

6 7 $\frac{1}{4}$ of 28 = $(28 \div 4) \times 1 = 7$

7 9 $\frac{3}{8}$ of 24 = $(24 \div 8) \times 3 = 9$

8 6 $\frac{3}{4}$ of 8 = $(8 \div 4) \times 3 = 6$

9 81 $\frac{9}{10}$ of 90 = $(90 \div 10) \times 9 = 81$

10 2 $\frac{1}{2}$ of 4 = $(4 \div 2) \times 1 = 2$

11 10 $\frac{2}{3}$ of 15 = $(15 \div 3) \times 2 = 10$

12 24 $\frac{3}{4}$ of 32 = $(32 \div 4) \times 3 = 24$

Some Solve scaling, rate and fraction problems.

1 18 $6 \times 3 = 18$ litres

2 189 $6 \div 2 = 3, \times 63 \text{ g} = 189 \text{ g}$

3 £36.00 $\pounds 8 \div 2 = \pounds 4$ each, $\times 9 = \pounds 36$

4 £72.00 $\pounds 24 \div 3 = \pounds 8$ each, $\times 9 = \pounds 72$

5 138 $6 \div 2 = 3, \times 46 \text{ g} = 138 \text{ g}$

6 £90.00 $\pounds 45 \div 5 = \pounds 9$ each, $\times 10 = \pounds 90$

7 32 $4 \times 8 = 32$ litres

8 £48.00 $\pounds 16 \div 2 = \pounds 8$ each, $\times 6 = \pounds 48$

9 3 $6 \div 2 = 3, \times 1 = 3$

10 21 $3 \times 7 = 21$ litres

11 12 $16 \div 4 = 4, \times 3 = 12$

12 £40.00 $\pounds 25 \div 5 = \pounds 5$ each, $\times 8 = \pounds 40$

Free to print and share. Posting it online? Please link to www.tigersharkeducation.co.uk/resources

**For adaptive SATs maths practice that targets each child's weak spots, try the
 Tiger Shark Education Year 6 SATs Practice app
www.tigersharkeducation.co.uk**