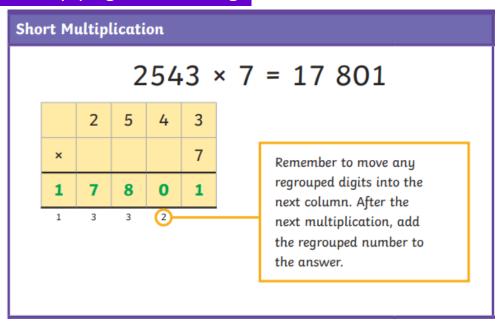
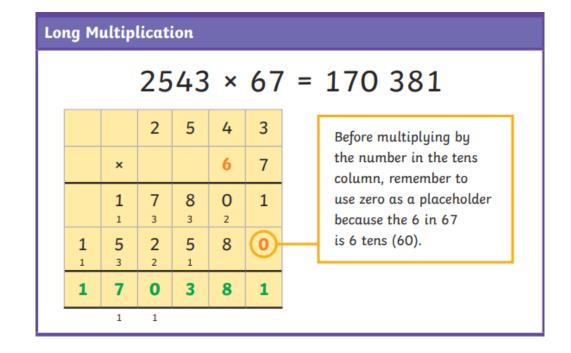
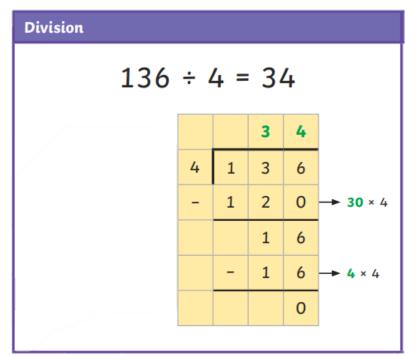
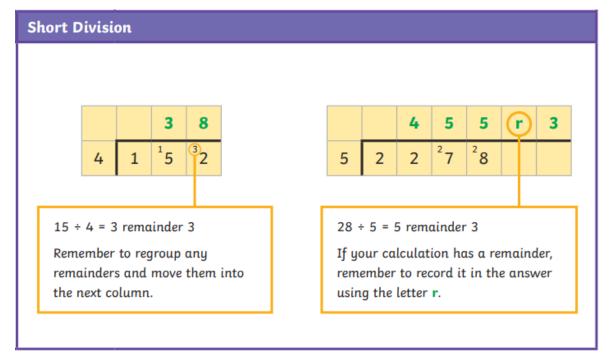
Multiplying and dividing





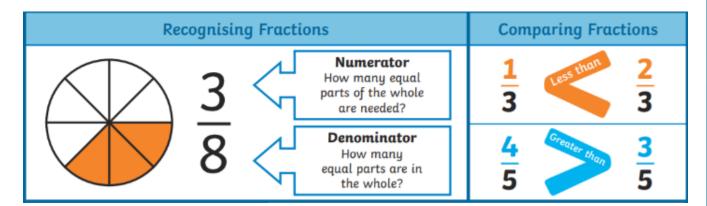


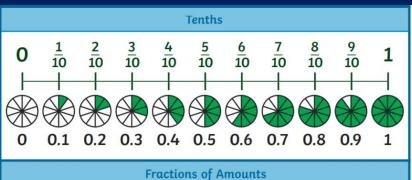


10

11

Fractions



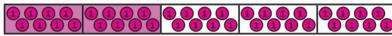


$\frac{1}{4} \text{ of } 24 = 6$

$$\frac{1}{3}$$
 of 72 = 24



$$\frac{2}{5}$$
 of 40 = 16



Add and Subtract Fractions

$$\frac{2}{5} + \frac{1}{5} = \frac{3}{5}$$



$$\frac{3}{7} + \frac{2}{7} = \frac{5}{7}$$



Finding a Percentage of an Amount

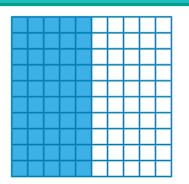
$$50\% = \frac{1}{2} \text{ so we can divide by 2}$$

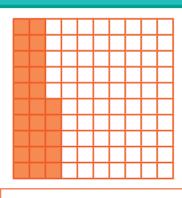
$$10\% = \frac{1}{10} \text{ so we can divide by } 10$$

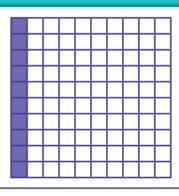
$$25\% = \frac{1}{4} \text{ so we can divide by 4}$$

$$1\% = \frac{1}{100}$$
 so we can divide by 100

Equivalent Fractions, Decimals and Percentages

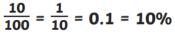


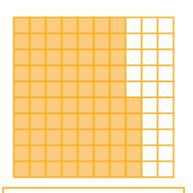




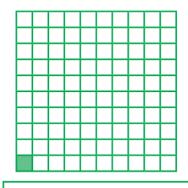
$$\frac{50}{100} = \frac{1}{2} = 0.5 = 50\%$$

$$\frac{25}{100} = \frac{1}{4} = 0.25 = 25\%$$

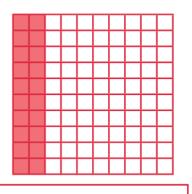






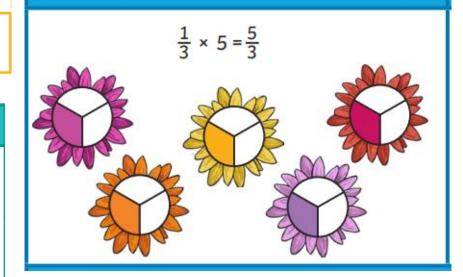


$$\frac{1}{100}$$
 = 0.01 = 1%



$$\frac{20}{100} = \frac{2}{10} = 0.2 = 20\%$$

Multiply Unit Fractions by an Integer



Multiply Non-Unit Fractions by an Integer

$$2 \times \frac{4}{9} = \frac{8}{9}$$





Quiz 1

Work out the following multiplications:

$$82 \times 10 =$$

$$14 \times 1000 =$$

$$10 \times 46 =$$

$$100 \times 58 =$$

$$37 \times 10 =$$

$$179 \times 1000 =$$

$$302 \times 10 =$$

$$440 \times 100 =$$

$$816 \times 1000 =$$

Quiz 2

Work out the following multiplications:

Quiz 3

Work out the following multiplications:

$$541 \times 34 =$$

×	500	40	1
30			
4			

$$438 \times 91 =$$

×	400	30	8
90			
1			

$$801 \times 21 =$$

×	800	00	1
20			
1			

Quiz 4

Work out the following divisions:

1.
$$1047 \div 3 =$$

2.
$$2456 \div 4 =$$

$$3.3295 \div 5 =$$

4.
$$2784 \div 4 =$$

5.
$$1011 \div 3 =$$

6.
$$2780 \div 5 =$$

7.
$$1564 \div 2 =$$

Quiz 5

Work out the following divisions:

$$234 \div 18 =$$

$$364 \div 26 =$$

$$490 \div 35 =$$

$$203 \div 29 =$$

Quiz 6

Work out the following:

$$\frac{2}{5} + \frac{1}{5} =$$

$$\frac{1}{3} + \frac{2}{3} =$$

$$\frac{1}{3} + \frac{1}{3} =$$

$$\frac{2}{4} + \frac{1}{4} =$$

$$\frac{3}{5} + \frac{2}{5} =$$

$$\frac{3}{5} + \frac{1}{5} =$$

$$\frac{3}{8} - \frac{2}{8} =$$

$$\frac{5}{9} - \frac{3}{9} =$$

$$\frac{6}{10} - \frac{3}{10} =$$

$$\frac{3}{10} - \frac{1}{10} =$$

$$\frac{3}{8} - \frac{3}{8} =$$

$$\frac{5}{12} - \frac{1}{12} =$$

$$\frac{11}{12} - \frac{1}{12} =$$

Quiz 7

Work out the following multiplications:

$$\frac{1}{3} \times 5 =$$

$$\frac{1}{4}$$
 × 3 =

$$\frac{1}{5}$$
 × 2 =

$$\frac{1}{4}$$
 × 4 =

$$\frac{1}{3}$$
 × 3 =

$$\frac{1}{6} \times 5 =$$

Quiz 8

Work out the following:

Quiz 9

Work out the following: