

Maths Week 11

From now on, we will be revising key skills that we have already covered earlier in the year.

Fractions – Dividing fractions by integers

Dexter has $\frac{2}{5}$ of a chocolate bar. He shares it with his friend. What fraction of the chocolate bar do they each get?



$$\frac{2}{5} \div 2 =$$

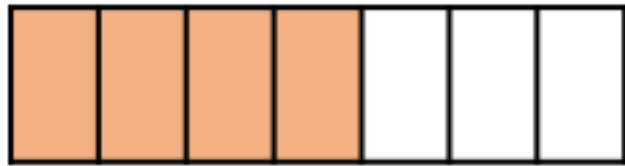
Fractions – Dividing fractions by integers

Use the diagrams to help you calculate.

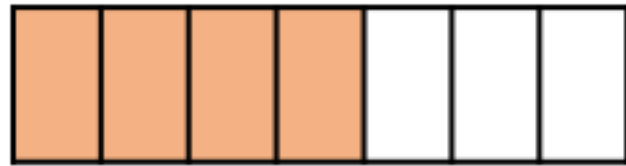
$$\frac{3}{4} \div 3 =$$



$$\frac{4}{7} \div 4 =$$



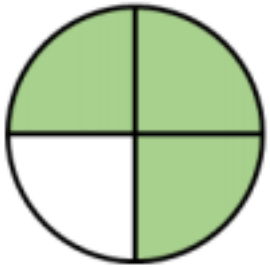
$$\frac{4}{7} \div 2 =$$



Fractions – Dividing fractions by integers

Use the diagrams to help you calculate.

$$\frac{3}{4} \div 3 =$$



$$\frac{4}{7} \div 4 =$$



$$\frac{4}{7} \div 2 =$$



Complete the missing integers.

$$\frac{15}{16} \div \square = \frac{5}{16}$$

$$\frac{15}{16} \div \square = \frac{3}{16}$$

$$\frac{20}{23} \div \square = \frac{4}{23}$$

$$\frac{20}{23} \div \square = \frac{5}{23}$$

Rosie walks for $\frac{3}{4}$ of an hour over 3 days.
She walks for the same amount of time
each day.
How many minutes does Rosie walk each
day?

Fractions – Dividing fractions by integers

Mo is dividing $\frac{1}{3}$ by 2

I have divided one third into 2 equal parts. Each part is worth $\frac{1}{6}$

$$\frac{1}{3} \div 2 = \frac{1}{6}$$

Draw diagrams to calculate:

$$\frac{1}{3} \div 3 = \quad \frac{2}{3} \div 3 = \quad \frac{1}{5} \div 3 = \quad \frac{2}{5} \div 3 =$$

Annie is dividing $\frac{2}{3}$ by 4

The numerator isn't a multiple of the integer I am dividing by so I will find an equivalent fraction to help me divide the numerator equally.

$$\frac{2}{3} = \frac{4}{6} \quad \frac{4}{6} \div 4 = \frac{1}{6}$$

Find equivalent fractions to calculate:

$$\frac{3}{5} \div 2 \quad \frac{1}{3} \div 3 \quad \frac{2}{3} \div 3$$