

23rd May



Corbettmaths

Write 0.85 as a fraction in its simplest form

$$\frac{85}{100} = \frac{17}{20}$$

Write 40% as a fraction in its simplest form

$$\frac{2}{5}$$

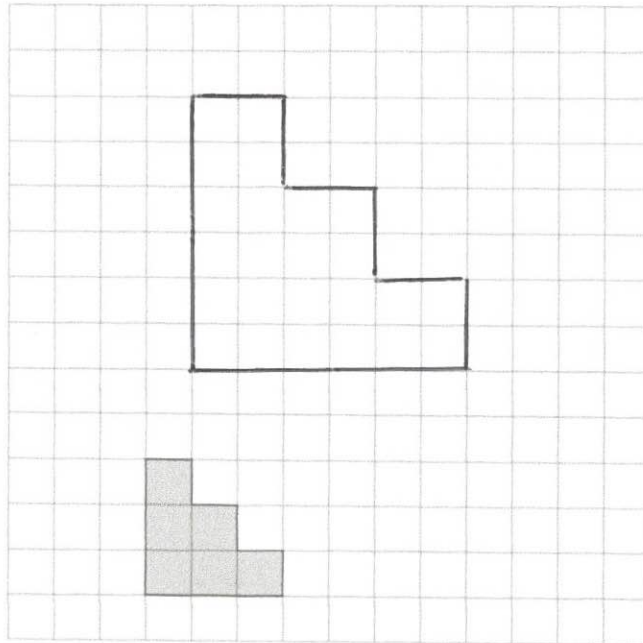
Solve $7y + 3 = 38$

$$\begin{array}{r} -3 \quad -3 \\ 7y = 35 \\ \div 7 \quad \div 7 \\ y = 5 \end{array}$$

Solve $4(y - 2) = 20$

$$\begin{array}{r} 4y - 8 = 20 \\ 4y = 28 \\ y = 7 \end{array}$$

Enlarge the shape by scale factor 2



Write 60 as a product of primes.

Give your answer in index form

$$\begin{array}{r} 60 \\ \swarrow \quad \searrow \\ 2 \quad 30 \\ \quad \swarrow \quad \searrow \\ \quad 2 \quad 15 \\ \quad \quad \swarrow \quad \searrow \\ \quad \quad 3 \quad 5 \end{array}$$

$$2 \times 2 \times 3 \times 5$$

$$2^2 \times 3 \times 5$$