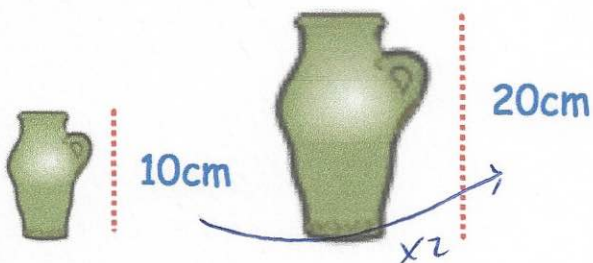


5th February



Corbettmaths



The small jug holds 500ml of water.

How much does the larger jug hold?

$$500 \times 2^3 = 4000\text{ml}$$

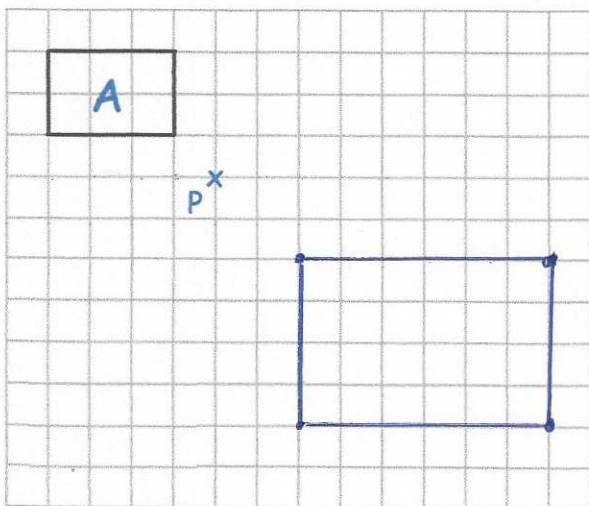
or 4 litres

Simplify

$$\frac{x^2 - 9}{5x^2 + 14x - 3}$$

$$\frac{(x-3)(x+3)}{(5x-1)(x+3)}$$

$$\frac{x-3}{5x-1}$$



Enlarge shape A by scale factor -2 , using the point P as centre of enlargement.

Matthew is playing darts.
 The probability he hits a bullseye is 0.3
 $P(H) = 0.3$
 Matthew throws two darts.
 Find the probability Matthew hits the bullseye with both darts

$P(HH)$

$$0.3 \times 0.3 = 0.09$$