

**2nd November**

Corbettmaths

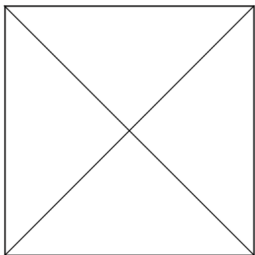
x is  $\frac{2}{5}$  of y  
y is  $\frac{7}{8}$  of z

Write down the ratio of x : y : z

Expand and simplify

$$(y - 3)(y + 1)(y + 4)$$

Shown is a square



The length of each diagonal is 4cm.  
Find the perimeter of the square.

Simplify  $\sqrt{220}$

Simplify

$$\frac{2a^4}{3b^3} \times \frac{6b^2}{5a}$$