

19th May



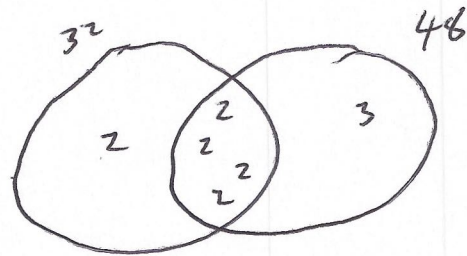
Corbettmaths

Find the LCM of 32 and 48

$$32 = 2 \times 2 \times 2 \times 2 \times 2$$

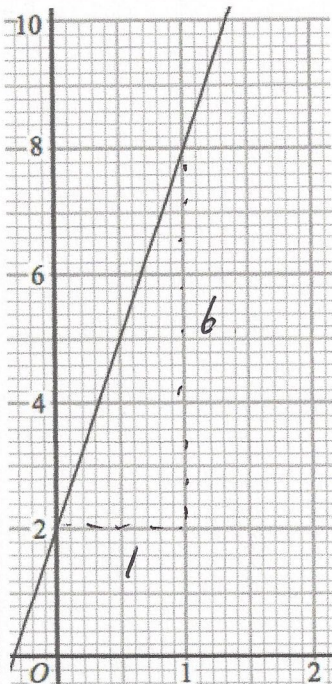
$$48 = 2 \times 2 \times 2 \times 2 \times 3$$

$$2 \times 2 \times 2 \times 2 \times 2 \times 3 = 96$$



Find the HCF of 32 and 48

$$2 \times 2 \times 2 \times 2 = 16$$



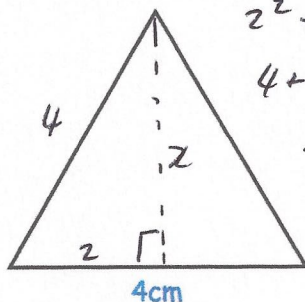
What is the equation of the line?

$$y = 6x + 2$$

Write down the equation of a line parallel to the line shown.

$$y = 6x + 3$$

$$y = 6x - 11 \text{ etc}$$



$$2^2 + h^2 = 4^2$$

$$4 + h^2 = 16$$

$$h^2 = 12$$

$$h = 3.464$$

Shown is an equilateral triangle of side length 4cm

Calculate the area of the triangle.

$$\frac{1}{2} \times 3.464 \times 4$$

$$6.928 \text{ cm}^2$$