

3rd July

Corbettmaths

$$(x + 4)^2 \equiv x^2 + 8x + 16$$

$$(x + 4)^2$$

$$(x + 4)^2 < 10$$

$$(x + 4)^2 = x - 3$$

Circle the equation

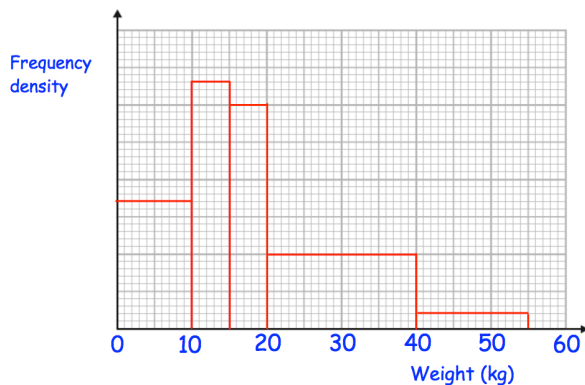
A biology textbook has mass 1.1kg to the nearest 100g.

What is the greatest possible mass of 10 books?

A shelf can safely hold 30kg of books.

How many books can safely be held by the shelf?

Write down the equation of the line that is perpendicular to $y = 2x + 1$ that passes through $(0, 4)$



Use the information in the histogram to complete the frequency table.

weight (w kg)	Frequency
$0 < w \leq 10$	34
$10 < w \leq 15$	33
$15 < w \leq 20$	
$20 < w \leq 40$	
$40 < w \leq 55$	6