



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

$$(x + 4)^2$$

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

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

Circle the equation

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

LB 1050g UB 1150g

A shelf can safely hold 30kg of books.

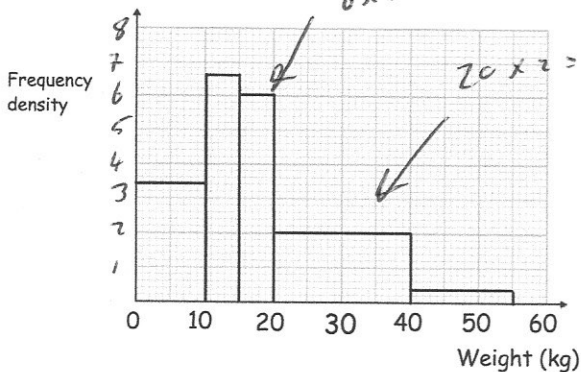
$$30 \div 1.15 = 26.086...$$

How many books can safely be held by the shelf?

26

Write down the equation of the line that is perpendicular to $y = 10x + 7$ that passes through $(0, 8)$

$$y = -\frac{1}{10}x + 8$$



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
$15 < w \leq 20$	<i>30</i>
$20 < w \leq 40$	<i>40</i>
$40 < w \leq 55$	6