

m3 = 7 days to go!

21 Solve

$$4 + 3(2x - 5) = x + 9$$

$$4 + 6x - 15 = x + 9$$

$$6x - x = 9 + 15 - 4$$

$$5x = 20$$

$$\begin{array}{l} \textcircled{+5} \quad \textcircled{-5} \\ x = 4 \end{array}$$

You can check this!

Answer $x =$ 4 [3]

8 The stem and leaf diagram shows the weights of some coins.

3		4 6
4		0 5 7 9
5		1 2 4 6 8
6		1 3 4 5 7 8 9
7		0 5 5 5 7 9
8		1 1 2 4 6
9		2 3

Key 3 | 4 = 3.4 g

Remember
the key!

Write down

(a) the range,

$$\text{Range} = \text{Biggest} - \text{Smallest}$$
$$9.3 - 3.4$$

Answer 5.9 g [1]

(b) the mode,

Most popular

Answer 7.5 g [1]

(c) the median.

middle value slice up from each end!

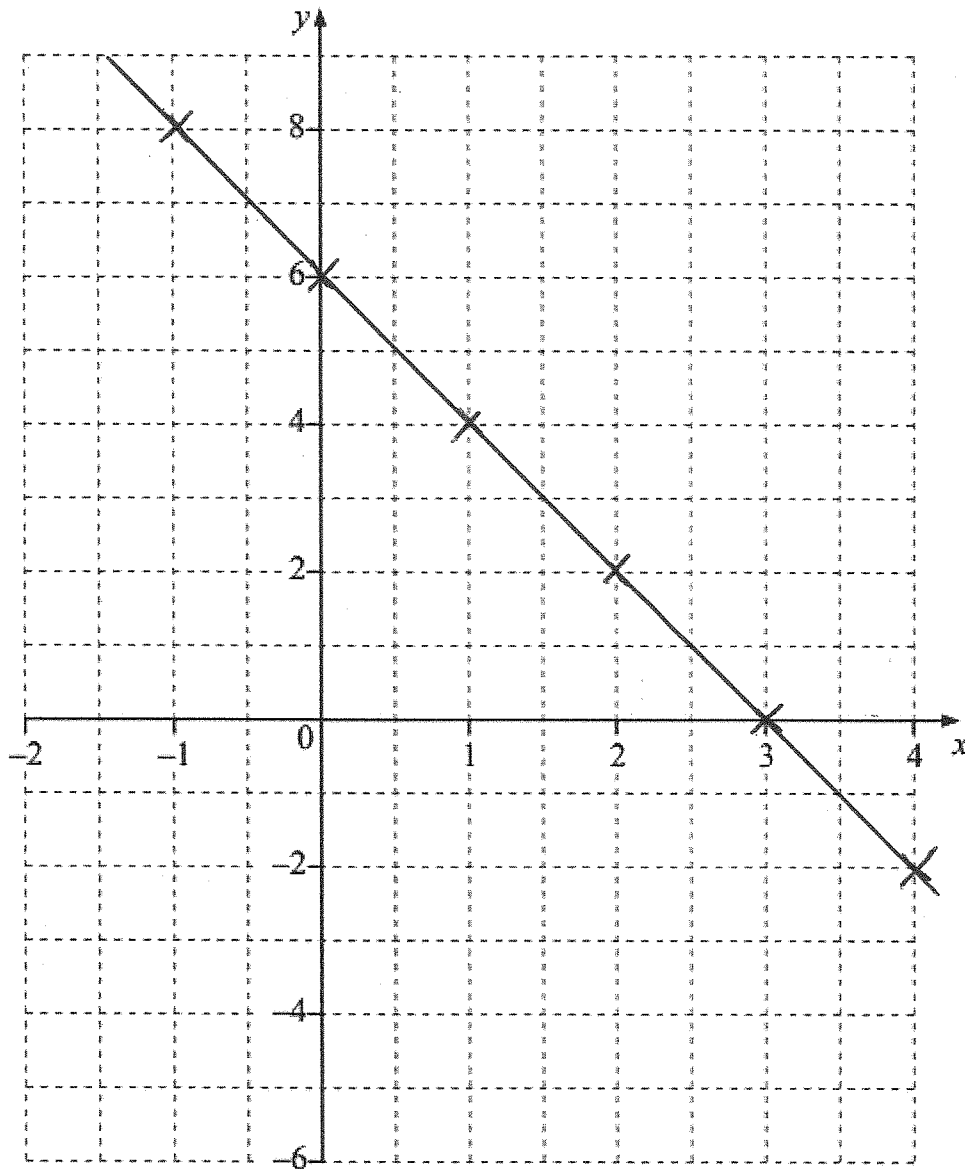
Answer 6.7 g [1]

6 (a) Complete the table for $y = 6 - 2x$

x	-1	0	1	2	3	4
$y = 6 - 2x$	8	6	4	2	0	-2

[2]

(b) Using the values from the table, draw the graph of $y = 6 - 2x$



This will give a straight line.

[1]