



Simplify

$$2a^3c^3 \times 3a^2c$$

$$6a^5c^4$$

Shoe Size	Frequency
5	2 ✓
6	11 ✓
7	5 ✓
8	4
9	1

23

A student is picked at random.

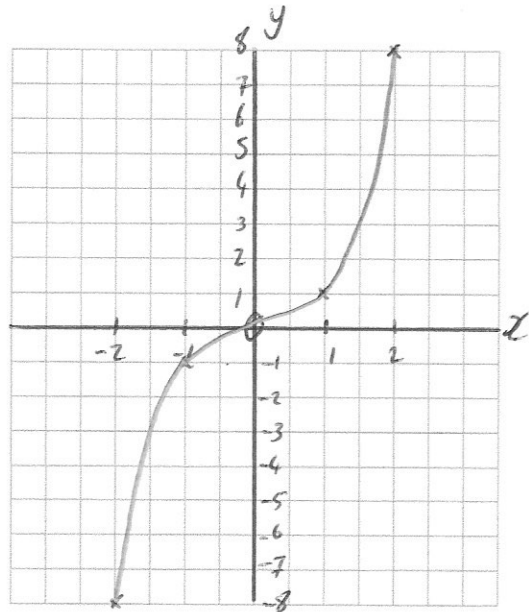
Work out the probability that the student has a shoe size of 7 or smaller.

$$\frac{18}{23}$$

$$y = x^3$$

Complete the table of values and draw a graph

x	-2	-1	0	1	2
y	-8	-1	0	1	8



Solve the simultaneous equations

$$2x - 3y = 18$$

$$3x + y = 5 \quad \times 3$$

$$2x - 3y = 18$$

$$9x + 3y = 15$$

$$\hline 11x = 33$$

$$x = 3$$

$$y = -4$$

$$6 - 3y = 18$$

$$-3y = 12$$

$$y = -4$$