



Number of tickets won	Frequency
0	2
1	11
2	28
3	18
4	11
5	15
6	10
7	2
8	3

0
11
56
54
44
75
66
14
24

Lily visits an arcade while on holiday in Weston-Super-Mare.

She plays 100 games and wins tickets that she can exchange for prizes.

The table shows the results.

Work out the total of tickets won.

338

Factorise $x^2 - 81$

$$(x - 9)(x + 9)$$

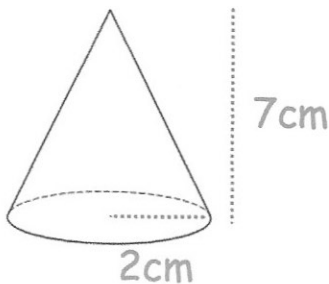
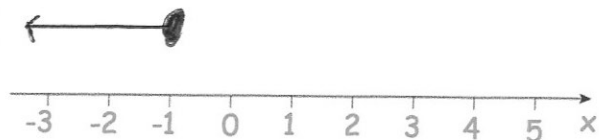
Factorise $x^2 + 3x - 54$

$$(x + 9)(x - 6)$$

Solve $6x + 10 \leq 4$ and represent your answer on the number line.

$$6x \leq -6$$

$$x \leq -1$$



Calculate the volume of the cone.

$$\frac{1}{3} \times \pi \times 2^2 \times 7$$

$$= 29.3215... \text{ cm}^3$$