1. Here is a parallelogram.

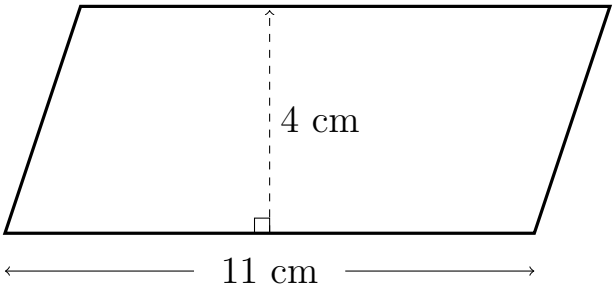


Diagram NOT accurately drawn

Work out the area of the parallelogram.

..... **44** ..... cm^2

2. This diagram shows a cuboid.

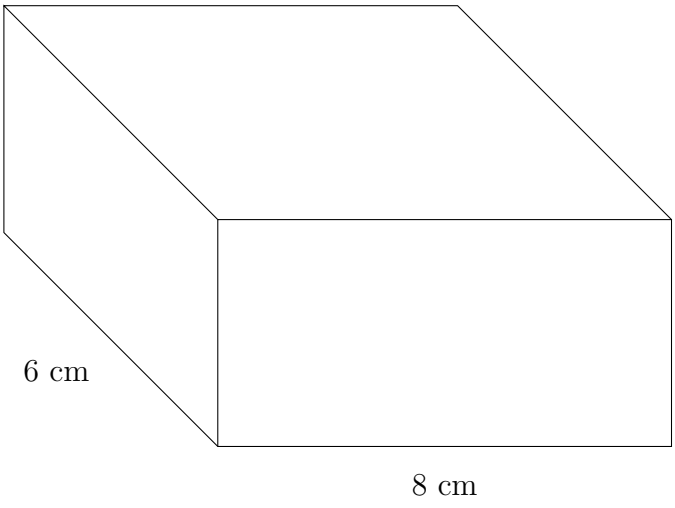


Diagram NOT accurately drawn

Work out the volume of the cuboid.

SPACE LEFT **1cm**

..... **240** ..... cm^3

FYI: $8 \times 6 \times 5$ *(M1)*

3. There are only cherry, raspberry and strawberry flavour sweets in a bag.

The table shows the probability that a sweet take at random from the bag will be Raspberry or Strawberry.

Flavour	Cherry	Raspberry	Strawberry
Probability		0.2	0.45

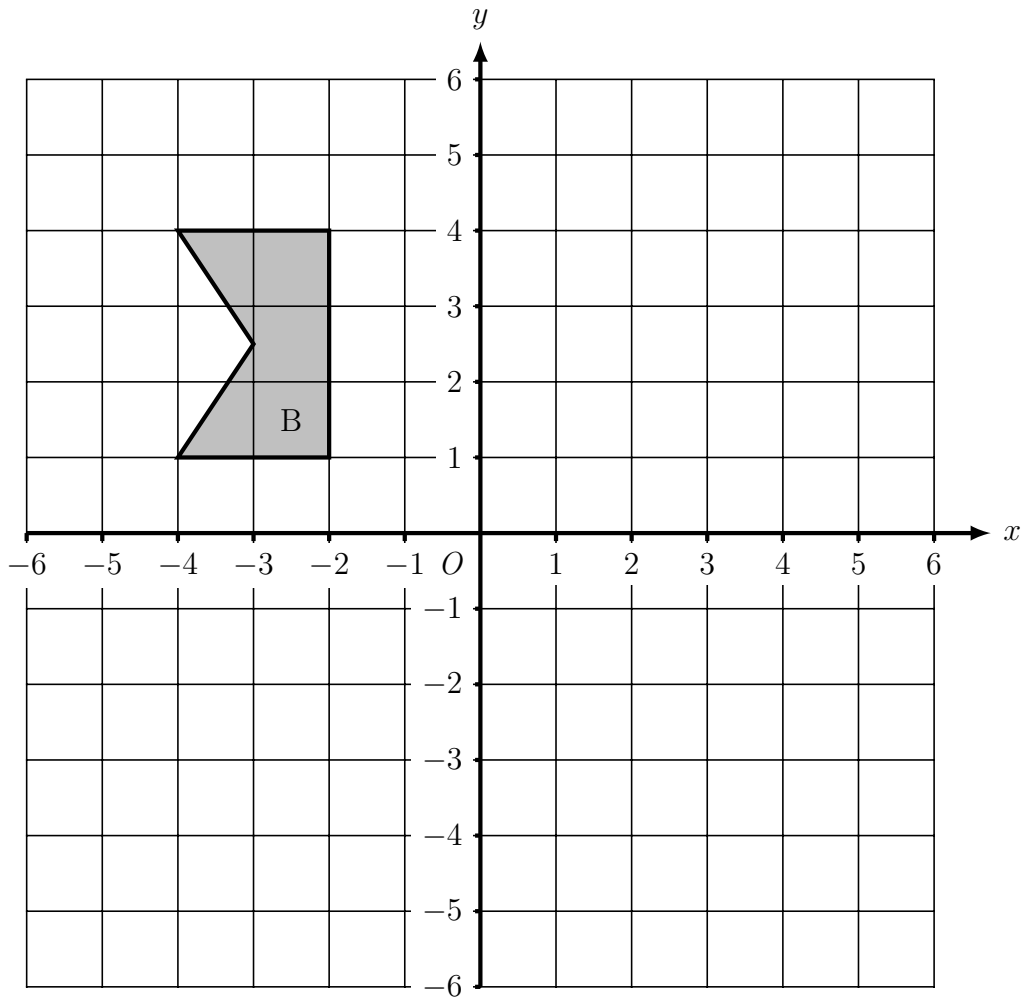
Caroline takes at random a sweet from the bag.

Work out the probability that the sweet will be a cherry flavour sweet.

3. .... **0.35** ....

FYI: $1 - (0.2 + 0.45) \rightarrow M1$

4. On the grid below, reflect shape B in the y-axis.



sorry no picture display facility for answers yet

FYI: *reflection in a line parallel to the y-axis (M1)*

5. There are some counters in a box.

   The counters are black or white or red or green.

   The table shows the probability that a counter take at random from the box will be black, white, red or green.

Colour	black	white	red	green
Probability	0.26	0.39	0.2	0.15

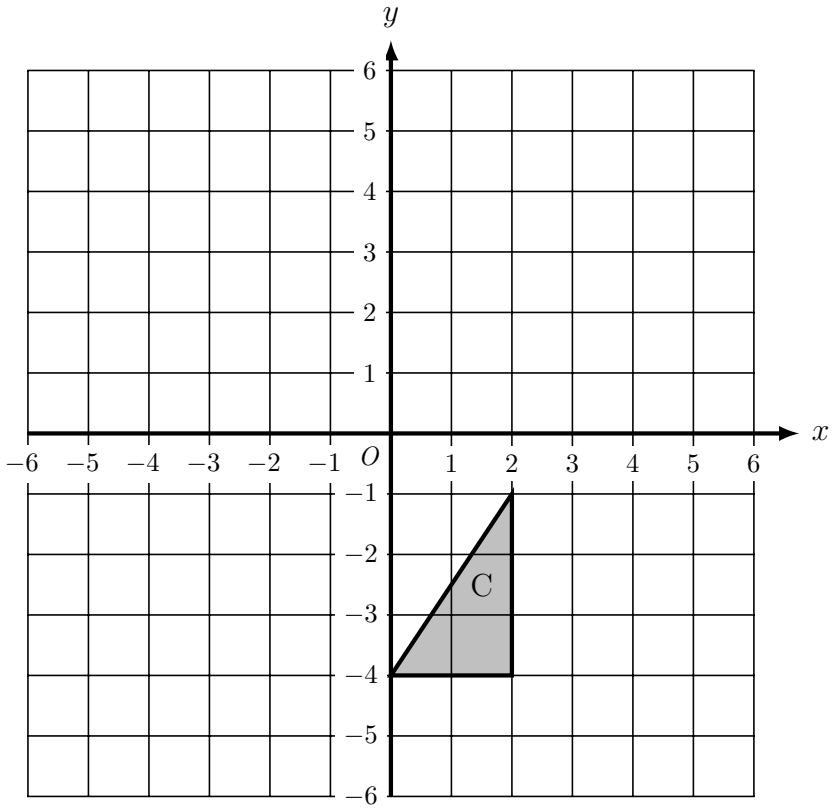
   There are 800 counters in the box.

   Work out the number of green counters in the box.

5. .....**120**.....

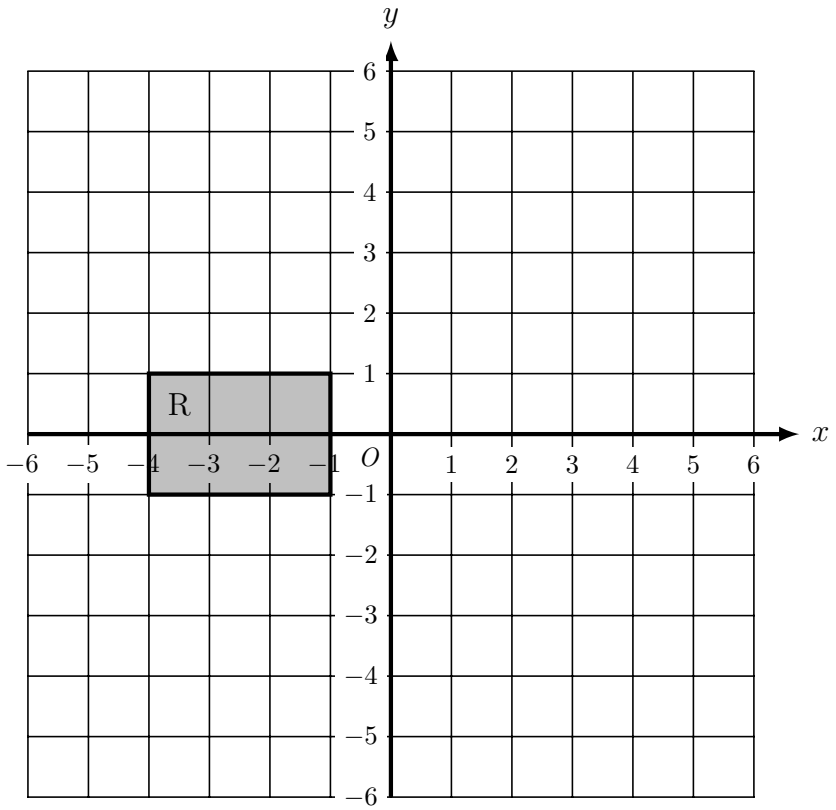
FYI: $800 \times 0.15 \rightarrow M1$

6. On the grid below, reflect triangle C in the line x = 3 and label it D



right angle at (4, -4)

7. On the grid below, reflect rectangle R in the line $y = -x$ and label it S



top left at (-1, 4)