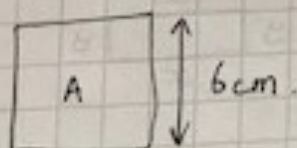
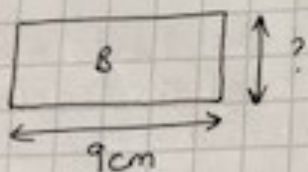


7.



It says A is a square, so all the sides must be the same.

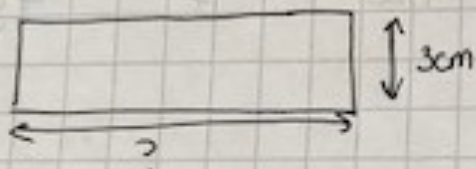
$$6 \times 6 = 36. \text{ So area of } A = 36 \text{ cm}^2.$$



$$9 \times ? = 36$$

$$9 \times 4 = 36$$

So the missing length must be 4 cm.



$$3 \times ? = 36$$

$$3 \times 12 = 36$$

So the missing length must be 12 cm.

8. If the width was 6 cm, length would be 10 cm.

$$6 \times 10 = 60 \text{ cm}^2 \quad \text{Too small.}$$

If the width was 7 cm, length would be 11 cm.

$$7 \times 11 = 77 \text{ cm}^2 \quad \text{Too small.}$$

If the width was 8 cm, length would be 12 cm.

$$8 \times 12 = 96 \text{ cm}^2. \quad \text{Perfect!}$$

Length = 12 cm    Width = 8 cm.