

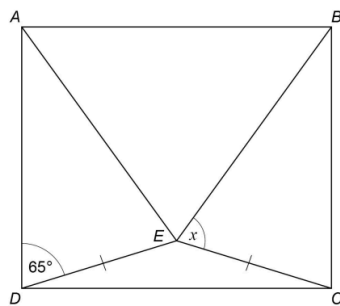
Q1. (2019)

10

In rectangle $ABCD$

triangle ABE is equilateral

triangle CDE is isosceles, with $CE = DE$



Not drawn accurately

Work out the size of angle x .

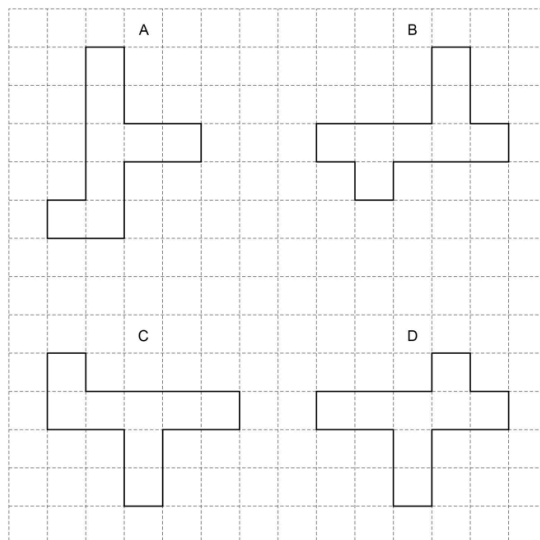
[4 marks]

Answer _____ degrees

Q2. (2020)

4

Shapes A, B, C and D are on a square grid.



Which two shapes are congruent?

Circle your answer.

[1 mark]

A and C

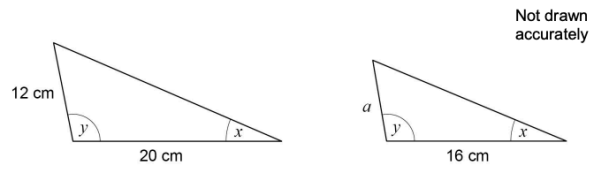
B and A

C and D

D and B

Q3. (2020)

- 26 These two triangles are similar.



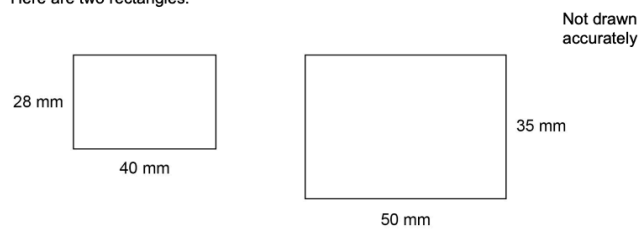
Work out the value of a .

[2 marks]

Answer _____ cm

Q4. (2021)

- 24 Here are two rectangles.



Show that the rectangles are similar.

[1 mark]