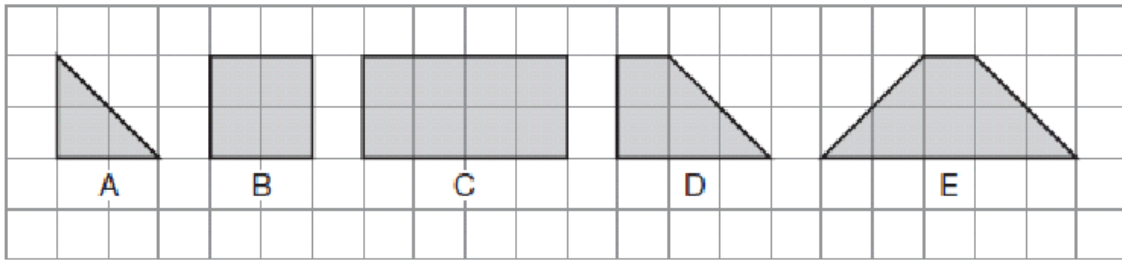


Question 2

Question 18

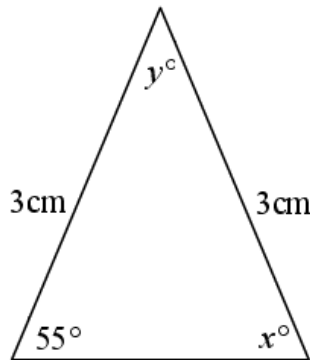
(suggested maximum time: 5 minutes)

Look at these five shapes and complete the sentences below.

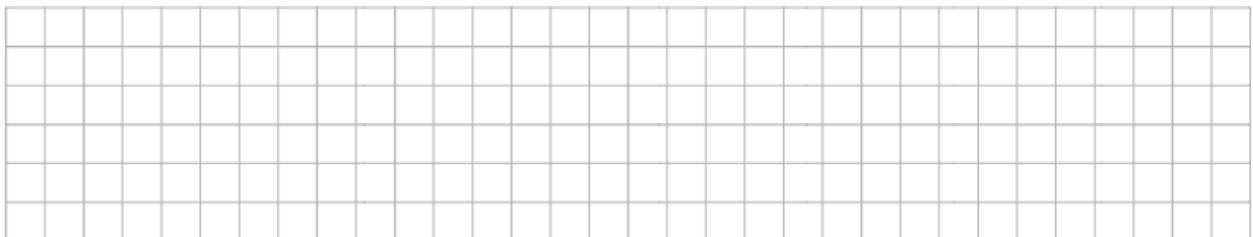


- (a) Shape _____ is the only shape with three sides.
- (b) Shape _____ is the only one with no right angles.
- (c) Shape _____ is the only one with no lines of symmetry.
- (d) Shape B is the only shape with four _____.
- (e) Shape _____ could be formed by joining together two copies of shape _____.

Question 3



- (i) Write down the value of x . $x =$ _____
- (ii) Find the value of y . $y =$ _____

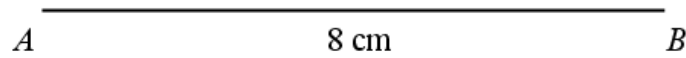


Question 4

- (a) Explain what it means to say that a triangle is *equilateral*.




- (b) Construct a triangle ABC with $|AB| = 8$ cm, $|BC| = 8$ cm and $|AC| = 8$ cm.
Show all your construction lines.




Question 5

- (c) (i) Simplify $3(x+5) + 2(x-4)$.



- (ii) Solve for x :

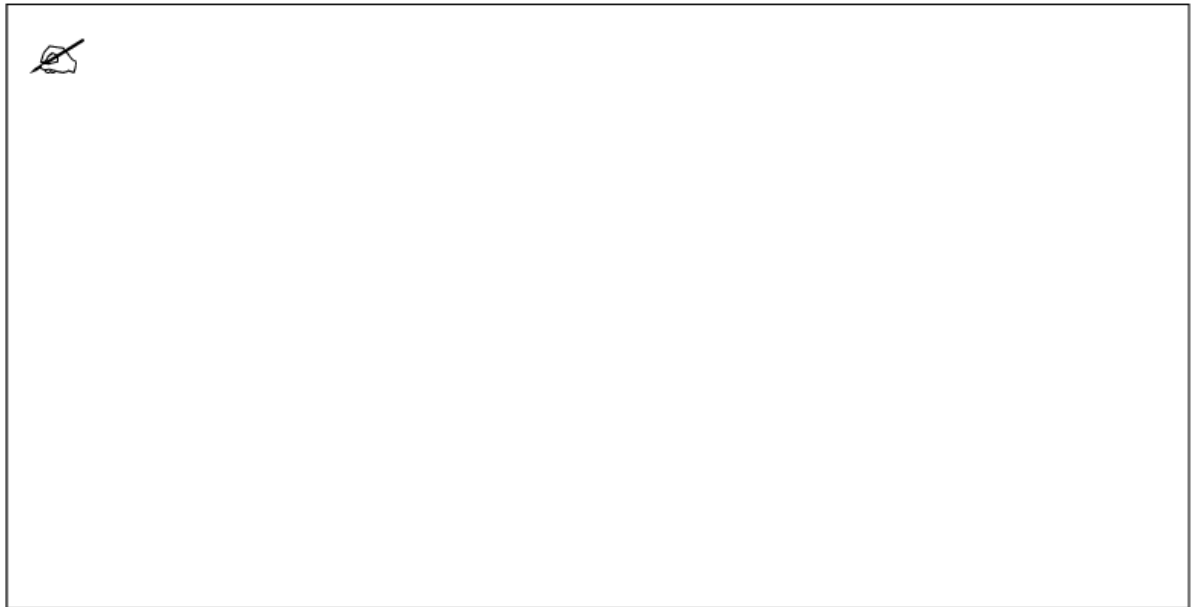

$$6(x+5) = 42$$

Question 6

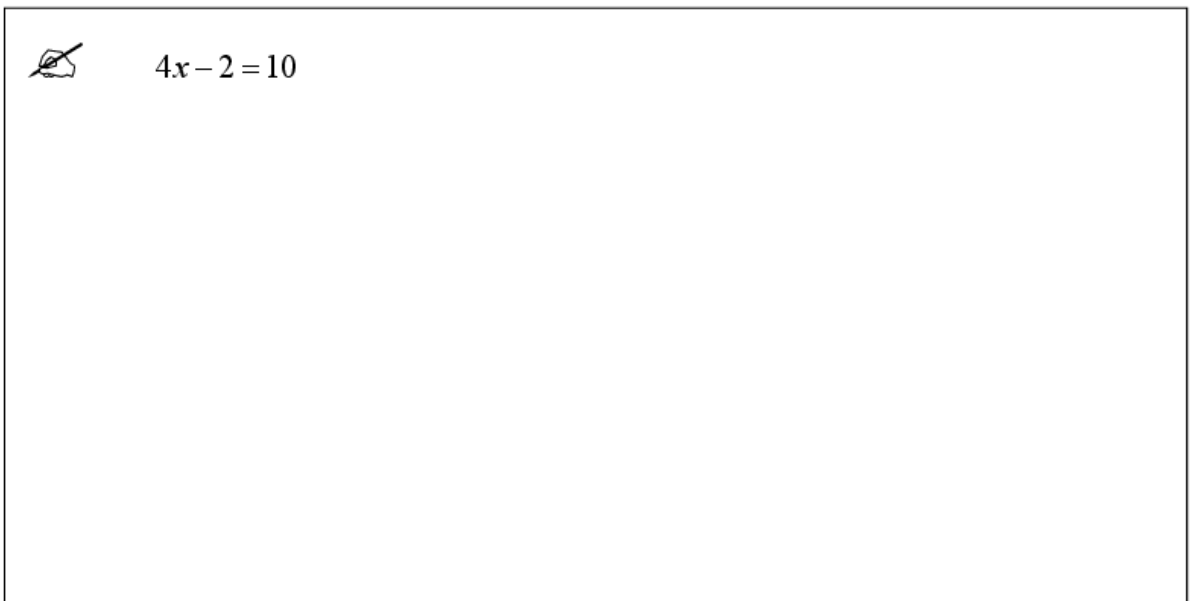
4. (a) Find the value of $3a + 2b$, where $a = 4$ and $b = 5$.



- (b) (i) Simplify $2(x + 4) + 5(x - 2)$.



- (ii) Solve for x :



$4x - 2 = 10$