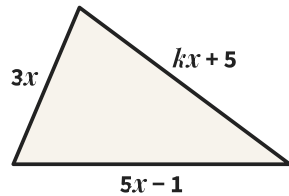


Forming and Solving Equations: Perimeter

1



The perimeter of this triangle is 1 m.
The lengths are in centimetres. $x = 8$.
Find the value of k .



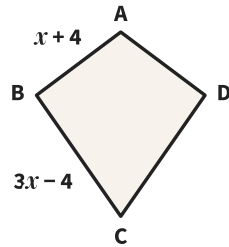
Not drawn accurately

Answer _____

2



ABCD is a kite. Its perimeter is 48 cm.
Find x .



Not drawn accurately

Answer _____

3



This shape is made from a square and an equilateral triangle. Its perimeter is 55 cm. Find x .



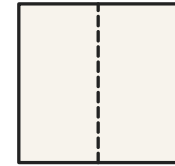
Not drawn accurately

Answer _____

4



A square is cut into two identical rectangles. Each rectangle has a perimeter of 42 cm. Find the side length of the square.



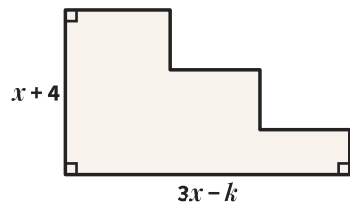
Not drawn accurately

Answer _____

5



The perimeter of this shape is 60 cm.
All the lines meet at right angles. $x = 7$.
Find the value of k .



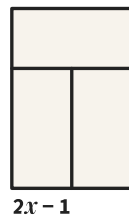
Not drawn accurately

Answer _____

6



This shape is made from three identical rectangles. Its perimeter is 90 cm. Find x .



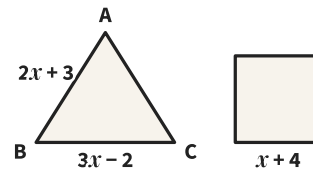
Not drawn accurately

Answer _____

7



ABC is a triangle with $AB = AC$.
The perimeter of the triangle is 6 cm more than the perimeter of the square.
Find x .



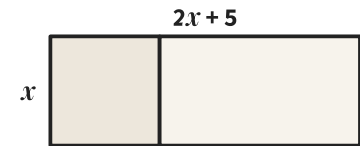
Not drawn accurately

Answer _____

8



The shaded square is cut off this rectangle. The rectangle left has a perimeter of 34 cm. Work out the perimeter of the original rectangle.



Not drawn accurately

Answer _____