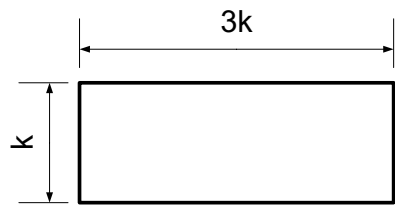


**Algebra: Equating expressions and perimeter**

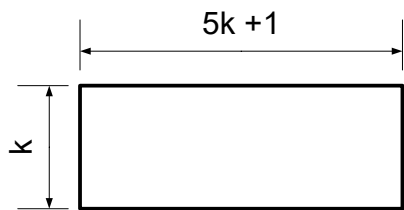
Find the value of  $k$  for each of the following questions.

1.



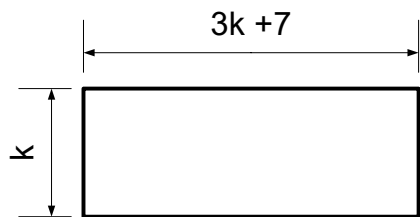
Perimeter is 48cm

2.



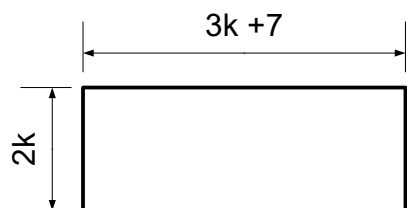
Perimeter is 56 cm

3.



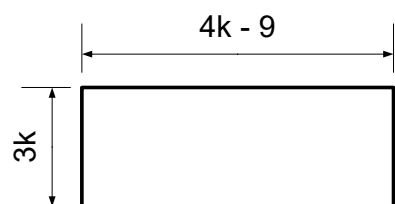
Perimeter is 50 cm

4.



Perimeter is 59 cm

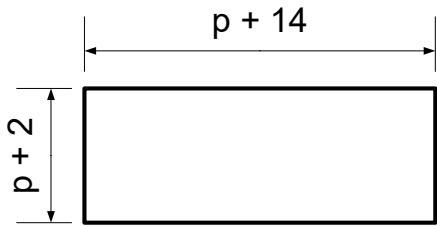
5.



Perimeter is 46 cm

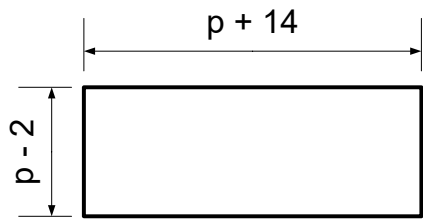
Find the value of  $p$  for each of the following questions.

6.



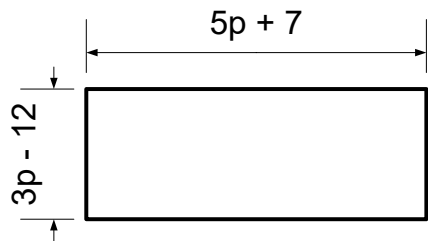
Perimeter is 92 cm

7.



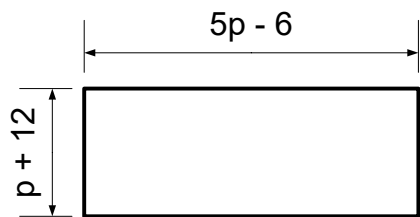
Perimeter is 64 cm

8.



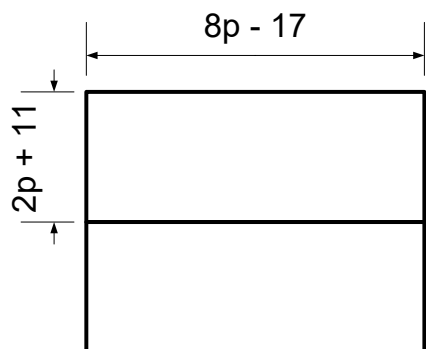
Perimeter is 106 cm

9.



Perimeter is 54 cm

**Challenge Question:**



Perimeter is 128 cm

Both the rectangles  
are identical.