

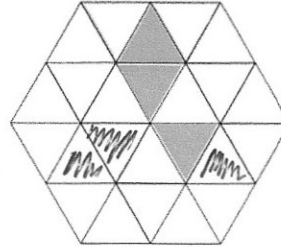
Simplify  $a + a + a$ 

$$3a$$

Simplify  $4ac + 5ac$ 

$$9ac$$

Shade 3 more triangles to make a pattern with rotational symmetry order 3.



A theatre has 52 rows of seats.  
Each row has 19 seats.

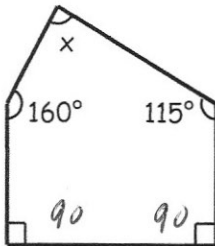
Tickets cost £9.75 each.  
All tickets are sold for a show.

Estimate how much money is raised.

~~52 x 19 x 9.75~~

$$50 \times 20 = 1000$$

$$1000 \times 10 = \pounds 10000$$

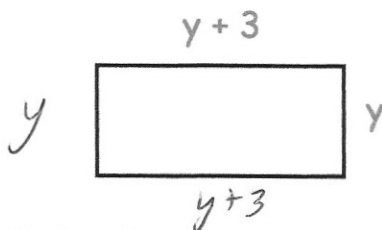


Work out  $x$ .

$$90 + 90 + 160 + 115 = 455$$

$$540 - 455 = 85^\circ$$

Write an expression, in terms of  $y$ , for the perimeter of the rectangle.



$$4y + 6$$