

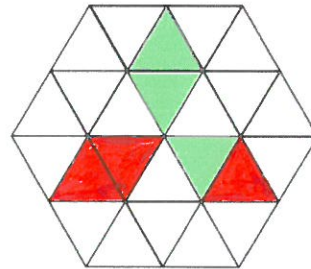


24th January

Simplify $a + a + a$
 $= 3a$

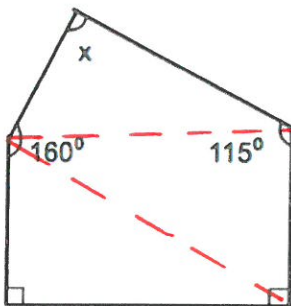
Simplify $4ac + 5ac$
 $= 9ac$

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



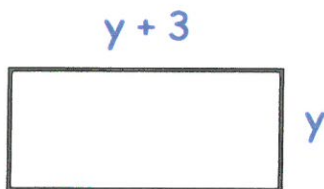
A theatre has 52 rows of seats.
 Each row has 19 seats.
 Tickets cost £9.75 each.
 All tickets are sold for a show.
 Estimate how much money is raised.

$52 \approx 50$
 $19 \approx 20$
 $9.75 \approx 10$
 $50 \times 20 \times 10$
 $= \pounds 10,000$



Work out x.
 $\text{Total} = 3 \times 180 = 540^\circ$
 $540 - (160 + 115 + 90 + 90) = x$
 $x = 540 - 455$
 $x = 85^\circ$

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



$y + y + 3 + y + y + 3$
 $= 4y + 6$