

M7 = 8 days to go!

7 The lengths of the sides of two squares are integers when measured in cm.

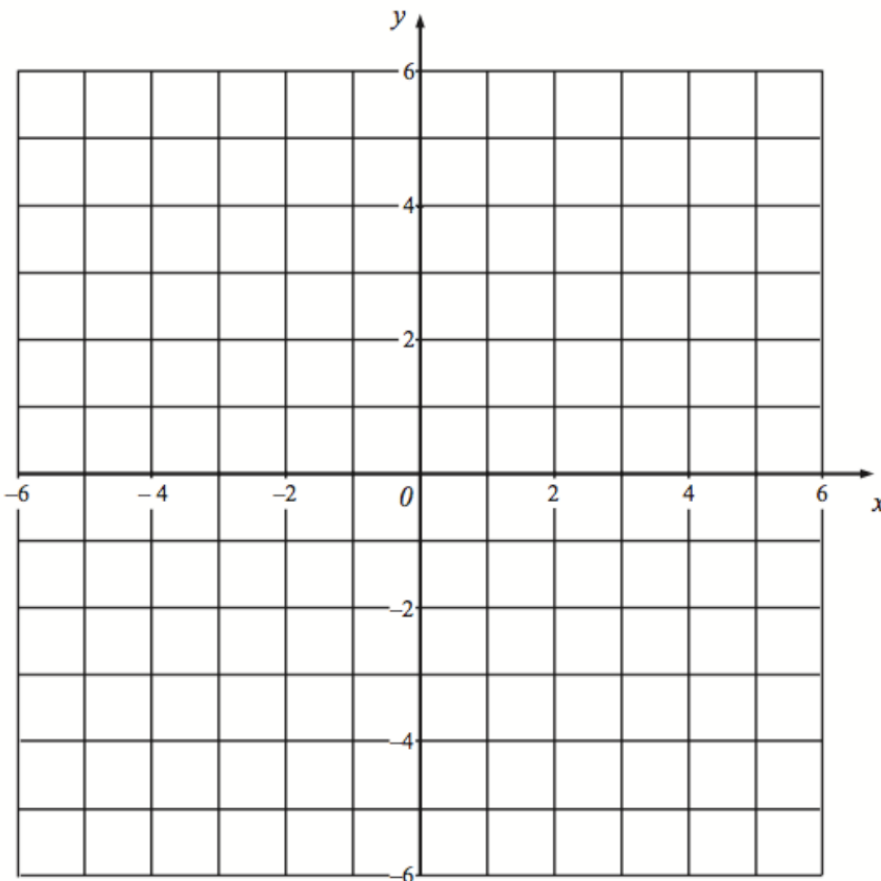
The difference between the areas of the two squares is 28 cm^2

Find the difference between the lengths of the sides of the two squares.

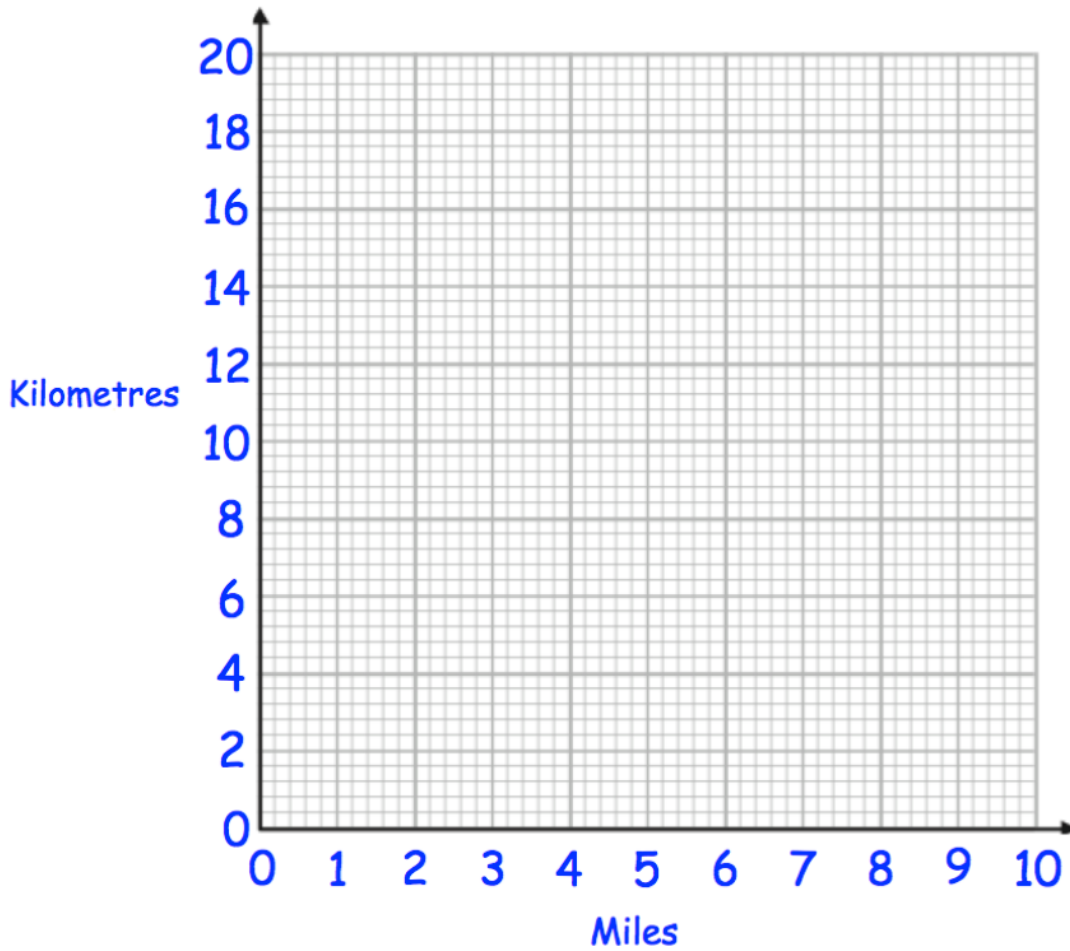
Answer _____ cm [4]

4. On the grid, label the region that satisfies all three of these inequalities

$$x < 3 \quad y > -3 \quad y > 2x$$



8. (a) Use the fact 5 miles = 8 kilometres to draw a conversion graph on the grid.



(2)

Use your graph to convert

(b) 8 miles to kilometres

.....km
(1)

(c) 6 kilometres to miles

.....miles
(1)