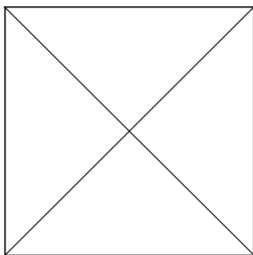


Describe fully the single transformation that maps shape B onto shape A.

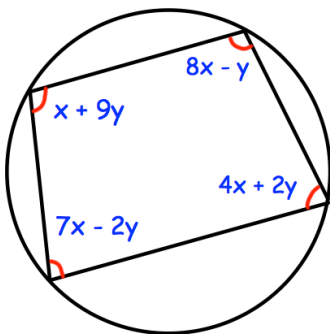
Solve, giving your answers to one decimal place.

$$2x^2 + 5x - 10 = 0$$

Shown is a square



The length of each diagonal is 12cm.
Find the area of the square.



Find x and y