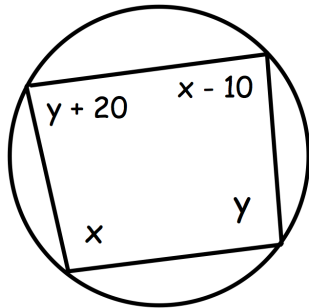
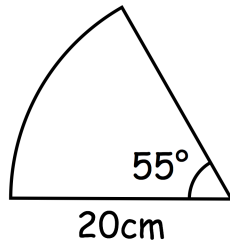




Find the perimeter of this sector.



Find x and y .

Solve the simultaneous equations

$$3x - 4y = 18$$

$$2x - 5y = 19$$

w is inversely proportional to c squared.

When $w = 100$, $c = 2$.

Find w when $c = 4$.

Work out $64^{\frac{2}{3}}$