

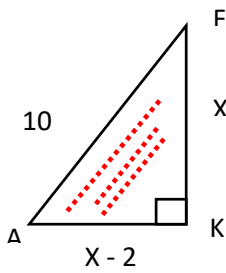
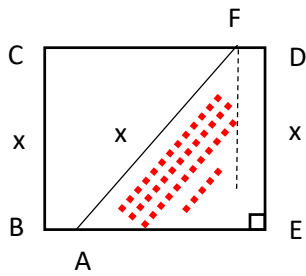
Geometry

Given "o" is the center of a square

A Line AF is passing through the center

Find the area $FD = 1$

$AF = 10$



$$(x - 2)^2 + x^2 = 100$$

$$2x^2 - 4x - 96 = 0 \quad /2$$

$$x^2 - 2x - 48 = 0$$

$$(x - 8)(x + 6) = 0$$

$$x - 8 = 0$$

$$x = 8$$

Area is 64