

6) Draw picture + make rt Δ

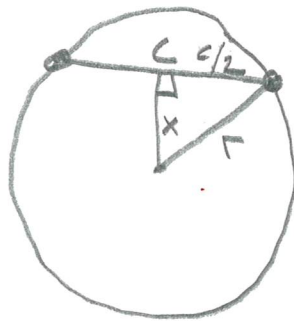
$$a^2 + b^2 = c^2$$

$$x^2 + \left(\frac{c}{2}\right)^2 = r^2$$

$$x^2 = \sqrt{r^2 - \left(\frac{c}{2}\right)^2}$$

(D)

$$x = \sqrt{r^2 - \left(\frac{c}{2}\right)^2} = \sqrt{r^2 - \frac{c^2}{4}}$$



Pro tip Sometimes you have to simplify to make answers match

7) Random means \rightarrow make list of everyone randomly pick from list.

(C)

8) Random needs to say random.

(C)

9) Random is ALWAYS best!!

(D)

10) Random = Unbiased

(D)

11) Draw on graph paper!!

$$\left(\frac{3}{4}, \frac{25}{8}\right) = (.75, 3.125)$$

Looks like about **3**

