

Answers to Area of a Sector (ID: 1)

1) $\frac{125\pi}{12} \text{ m}^2$

5) $\frac{1575\pi}{8} \text{ yd}^2$

9) $\frac{147\pi}{2} \text{ km}^2$

2) $\frac{80\pi}{3} \text{ yd}^2$

6) $270\pi \text{ in}^2$

10) $8\pi \text{ m}^2$

3) $\frac{675\pi}{4} \text{ yd}^2$

7) $36\pi \text{ yd}^2$

4) $\frac{605\pi}{12} \text{ m}^2$

8) $\frac{845\pi}{8} \text{ mi}^2$

↔
Secants
tangent

⑧ P

$5^2 + 12^2 = \text{hyp}^2$
 $169 = \text{hyp}^2$
 $13 = \text{hyp}$

$X = 8$

⑧ y

$8^2 + 15^2 = \text{hyp}^2$
 $64 + 225 = \text{hyp}^2$
 $289 = \text{hyp}^2$
 $17 = \text{hyp}$
 $X = 9$

Stations

Complete the following stations if you got these problems wrong on quick check

Station 1 #2 or #3 wrong

Station 2- #4 or #7 wrong

Station 3- #5 or #6 wrong

Station 4-# 1 wrong

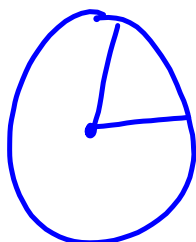
Station 5- Mixed review for once you completed other stations

Station 6-Mixed review for once you completed other stations

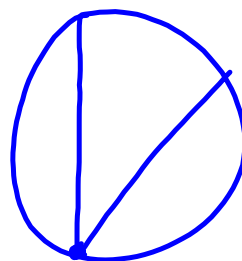
Station 7- #8 wrong

Station 8- #9 or #10 wrong

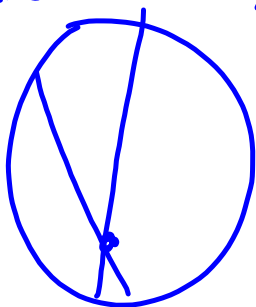
Central = arc



On = $\frac{1}{2}$ arc



Inside = $\frac{A_1 + A_2}{2}$



Outside = $\frac{B - S}{2}$

