Name: _____ Class: _____ Date: _____ ID: A

Warming Up Activity - 3

Multiple Choice
Identify the choice that best completes the statement or answers the question.

____ 1. ***AOB*** is a sector of a circle, centre ***O*** , with radius 8 cm .
The length of arc ***AB*** is 10 cm . **Find angle *AOB* , in radians.**

a. 3.23 cm
b. 2.5 cm
c. 3.25 cm
d. 1.25 cm

____ 2. **Calculate the area of a sector with radius 5 cm and angle** $72°$**!**

a. 3π
b. 4π
c. 5π
d. 6π

____ 3. **A sector** AOB **of angle** $135°$ **has area** $\frac{3\pi}{8}$ m^2**. What is the radius of the circle?**

a. 1 m
b. 2 m
c. 3 m
d. 4 m

____ 4. **Convert** 70° **to radian, giving the answer in terms of** π

a. $\frac{7\pi}{10}$
b. $\frac{10\pi}{7}$
c. $\frac{18\pi}{7}$
d. $\frac{7\pi}{18}$

LIVEWORKSHEETS