Name

r = 8

4817 +32 cm2

5)

AMENIS

Date

12.65 - Areas of Parts of a Circle

Find the shaded area. The radius of each circle is r. If two circles are shown, r is the radius of the smaller circle and R is the radius of the larger one. All given measurements are in centimeters.

2) 1) r = 6r = 864 TT Cm 2 6TT CM2 240 4) 3) r = 16r = 2(TT-2) cm2 1921 cm2

R = 7

r = 4

3217 cm 2

6)





 $\begin{array}{l} 8) \quad R = 12 \\ r = 9 \end{array}$

105 Tr om 2

For the following, find the measurement of the radius.

9) The shaded area is 12π cm².





r=7cm



 $m LAAAC = 75^{\circ}$