Lesson 2 Exit Ticket Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Joelle drew a circle like the one shown. The area of the circle is 15.90 in2

Find and mark the diameter and radius on the circle.

2.25 inches = *r*

4.5 inches = *d*

Find the circumference of the circle.

Circumference = \_\_\_\_\_\_\_\_\_\_\_\_\_ inches

Joelle drew another circle. This circle had a circumference of 18.21 cm.

Find the area of the circle. Show your work.

Area = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_cm

Lesson 2 Exit Ticket - KEY

Joelle drew a circle like the one shown. The area of the circle is 15.90 in2

Find and mark the diameter and radius on the circle.

4.5 in.

2.25 inches = *r*

4.5 inches = *d*

2.25 in.

Find the circumference of the circle.

Circumference = \_\_\_\_14.13\_\_\_\_ inches

Joelle drew another circle. This circle had a circumference of 18.21 cm.

Find the area of the circle. Show your work. $C=2πr$

 $18.21=2πr$

 $\frac{18.21}{2π}=r$

 $A=πr^{2}$

 $A=π\left(\frac{18.21}{2π}\right)^{2}$

Area = \_\_\_\_\_26.40\_\_\_\_\_cm