**Partner Circles Practice** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

For each circle below make the calculations listed.

Use the approximation 3.14 for π.

Round your answers to the nearest tenth.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_1. r = 7.2 feet

 d = \_\_\_\_\_\_\_\_\_\_

 C = \_\_\_\_\_\_\_\_\_\_

 A = \_\_\_\_\_\_\_\_\_\_

2. r = \_\_\_\_\_\_\_\_\_\_

 d = 17.4 inches

 C = \_\_\_\_\_\_\_\_\_\_

 A = \_\_\_\_\_\_\_\_\_\_

3. r = \_\_\_\_\_\_\_\_\_\_

 d = 26 mm

 C = \_\_\_\_\_\_\_\_\_\_

 A = \_\_\_\_\_\_\_\_\_\_

4. r = \_\_\_\_\_\_\_\_\_\_

 d = \_\_\_\_\_\_\_\_\_\_

 C = 39 cm

 A = \_\_\_\_\_\_\_\_\_\_

**Answer KEY**

**Partner Circles Practice** Name:

For each circle below make the calculations listed.

Use the approximation 3.14 for π.

Round your answers to the nearest tenth.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_1. r = 7.2 feet

 d = 14.4 ft *(7.2 x 2)*

 C = 45.22 ft *(3.14 x 14.4)*

 A = 162.78 ft2 *(7.2 x 7.2 x 3.14)*

2. r = 8.7 in. *(17.4 ÷ 2)*

 d = 17.4 inches

 C = 54.64 in. *(17.4 x 3.14)*

 A = 237.67 in.2 *(8.7 x 8.7 x 3.14)*

3. r = 13 mm *(26* *÷ 2)*

 d = 26 mm

 C = 81.64 mm *(26 x 3.14)*

 A = 530.66 mm2 *(13 x 13 x 3.14)*

4. r = 6.21 cm *(12.42 ÷ 2)*

 d = 12.42 cm *(39 ÷ 3.14)*

 C = 39 cm

 A = 121.09 cm2 *(6.21 x 6.21 x 3.14)*