1. Tracey wants to make a circular rug for her bedroom. The rug has a radius of 3 feet. How many square feet will the rug cover? *(Draw shape & write formula)*

A   28.26 ft²

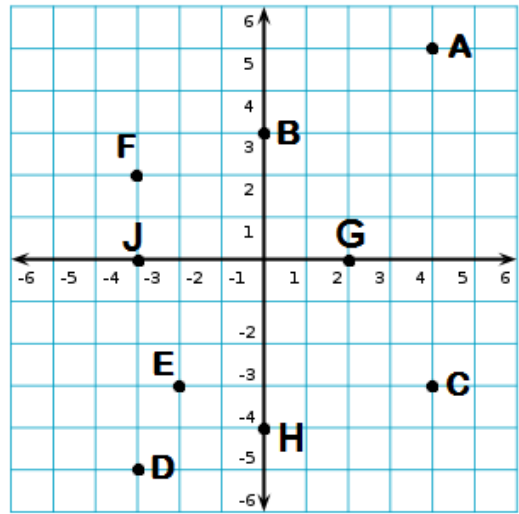B   56.52 ft²

C   75.36 ft²

D   113.04 ft²

2. Kelly wants to put a fringe around her frisbee that has a diameter of 30 inches. About how much fringe will it take to go around the frisbee? *(Draw shape & write formula)*

A   30 inches

B   47.1 inches

C   94.2 inches

D   188.4 inches

3. Janice bought 2 bag of chips and 2 pints of juice at lunch each day for 9 days. If each bag of chips is $1.25 and each pint of juice is $0.75, what is the total amount of money she spent? *(Show how you found how much money she spent for lunch)*

Name:_____

4. Label the **quadrants**, **x-axis**, and **y-axis.**
   Write the ordered pairs for each point.

A (,   )   D (,   )   G (,   )

B (,   )   E (,   )   H (,   )

C (,   )   F (,   )   J (,   )

5. Model $\frac{5}{8} \times \frac{2}{3}$ *(Show how you modeled)*

6. Solve.
$$39 + 20 - 2 \div 1$$

7. Solve.

$$(-1)^4$$

9.

What is the value of the expression below?

$$|4| + |-9|$$

A. -13 B. -5 C. 5 D. 13

8. If the temperature is -84 degrees outside at 6:00pm, and then at 5:00am the temperature is -45 degrees, what is the change in temperature?

10. If a square room has an area of 361 square meters, what is the side length of the room?