

Review #82 – MUST SHOW WORK FOR EACH PROBLEM **USE CALCULATORS**

Name _____

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. Barb wants to cover a storage trunk with contact paper. The trunk has a length of 5 feet, a width of 2 feet and a height of 3 feet. How many square feet will she need to cover the trunk? *(Draw shape & write formula)*

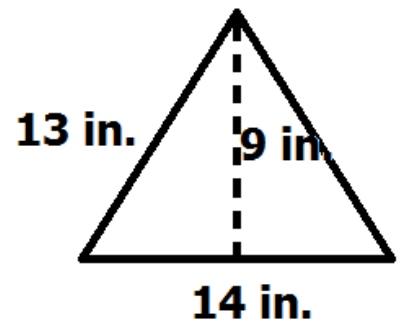
- A 62 sq. feet
- B 30 sq. feet
- C 600 sq. feet
- D 7,200 sq. feet

4. Brianna bought an iron fence to enclose a rectangular herb garden. The garden's length is 13 feet and width is 15 feet. What length of fence did she buy? *(Draw shape & write formula)*

- A 28 ft.
- B 56 ft.
- C 195 ft.
- D 215 ft.

5. What is the area of the triangle below? *(Write the formula and solve)*

- A 37 in.
- B 126 in.
- C 63 in.
- D 108 in.



6. Janice has a square pool that needs a cover. All the sides of the pool measure 18 feet. About how many square feet will she need to cover? *(Draw the shape & write formula)*

- A 72 feet
- B 36 feet
- C 324 feet
- D 1,296 feet