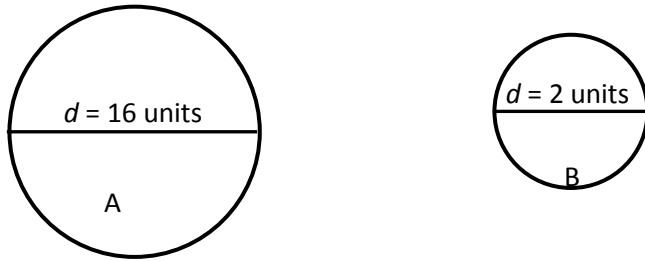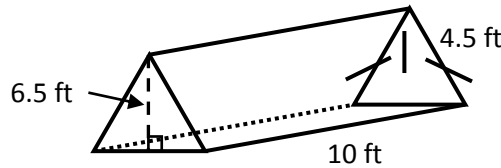# 7ᵗʰ Grade 20 Day Homework Day 19

1) How many times greater is the circumference of circle A than the circumference of circle B?

d = 16 units

A

d = 2 units

B

2) A sporting goods store has the tent below on display. What does the area of the base measure?

4.5 ft

6.5 ft

10 ft

3) Ms. Palacios drove 360 miles to Dallas in 5 hours. Which equation shows how long it will take her to drive 900 miles if she travels at the same rate?

F. $x = (900)\dfrac{360}{5}$

H. $x = (900)\dfrac{5}{360}$

G. $x = (360)\dfrac{5}{900}$

J. $x = (900)\dfrac{15}{360}$

4) Ms. Ballard bought two dozen marbles for $2.25. How much did each marble cost?

5) Barton detergent sells bottles of dishwashing soap. The smallest bottle they sell is 7 ounces, if Mr. Barlow buys the smallest bottle and uses four and ¾ ounces, how much detergent will be left in the bottle?

6) Mr. Beauchamp has two acres of land and plans to use ¾ of it for a vegetable garden. If he plants tomatoes in half of the garden, how much of his land will be left to use for something else?

7) A cockroach can travel 3 miles per hour. How many miles will the cockroach travel in three and three-quarters days?

8) Mr. Benson is using 7/8 yard of fringe to decorate his two lamps. If he cuts off a piece that is 1/6 yards long, how much does he still have left?

9) Christine works on math homework for 2 3/8 hours each week. If she worked for a total of 35 hours, approximately how many weeks did she work on homework (to the nearest week)?

10) The math team has 6 girls and 8 boys. The teacher will randomly choose two students to do a problem in front of the team in order to practice for the upcoming meet. What is the probability that she will choose a boy and then a boy?