1) What is the capacity of the cargo truck?

20 feet long

7 feet tall
and
4.5 feet wide

2) What is the minimum amount of wrapping paper needed to completely cover this present?

14 in

9 in

4 in

3) How much stuff can this soup can hold if it is 5 cm in diameter and 9 cm tall?

4) How much fabric is needed to make this Phillies pennant?

36 in

15 in
Surface Area (and Formulas Review) — Worksheet #3

Answer each real-life question using whatever formula is necessary. DRAW A PICTURE FIRST!

5) How much floor space is covered by a circular rug with a diameter of 8 feet?

6) What is the perimeter around a regulation basketball court? (94 feet long and 50 feet wide)

7) What is the volume contained in a trash barrel that is 40 inches tall and 18 inches in diameter?

8) How much carpet is needed to cover a living room that is 30 feet long and 18 feet wide?

9) How many linear feet of fencing is needed to enclose a circular horse-track to have a 20-ft radius?

10) How much wrapping paper is needed to wrap a box with the following dimensions:

    12 in. by 8 in. by 30 in.