Short Answer: Show all your work. Round to the nearest hundredth. Use your calculator for $\pi$. 

1. Calculate $4\pi r^2$ for the given value of $r$.
   $r = 14.8$
   Answer: ________________

2. Calculate $\frac{1}{3} \pi r^2h$ for the given values of $r$ and $h$.
   $r = 3.2$
   $h = 13.75$
   Answer: ________________

3. Calculate $\pi rs + \pi r^2$ for the given value of $r$ and $s$.
   $r = 8.7$
   $s = 20.25$
   Answer: ________________

4. Calculate $2\pi rh + 2\pi r^2$ for the given values of $r$ and $s$.
   $r = 5.1$
   $h = 10.25$
   Answer: ________________
5. How many inches is 7'4"? (1 ft = 12 inches)

Answer: __________________

6. How many inches is 9'10"? (1 ft = 12 inches)

Answer: __________________

7. How many yards is 6.5 mi? (1 mile = 1760 yards)

Answer: __________________

8. Convert 4.8 miles into feet. (1 mile = 5280 ft)

Answer: __________________

9. Convert 16 inches to centimetres. (1 inch = 2.54 cm)

Answer: __________________

10. Convert 51 m to centimetres.

Answer: __________________
11. Convert 500 m to kilometres.

Answer: ______________

12. Convert 1425 ft to centimetres. (1 foot ≈ 30.48 cm)

Answer: ______________

13. Calculate the area of the figure below.

Answer: ______________

14. Calculate the area of the figure below.

Answer: ______________
15. Calculate the area of the figure below.

![Diagram of a parallelogram with sides 17 in, 23 in, and 34 in.]

Answer: ________________

16. Calculate the area of the figure below.

![Diagram of a right triangle with sides 12 in, 18 in.]

Answer: ________________