

Answers must be clearly legible, simplified and boxed or circled. If possible, write answer as an exact integer or fraction otherwise use two decimal accuracy. Units required.

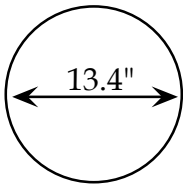
Order of Operations:

1) (a) $22 - 2 \cdot (8 - 6) \cdot 4 - 2 =$ (b) $\frac{36 + 12}{4(3 + 1)} =$

2a) Convert to Decimal: $19\% =$ _____

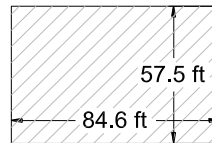
2b) Convert to %-format: $0.73 =$ _____

3) Find the **circumference**:



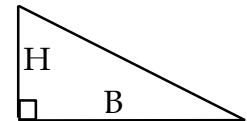
$C =$

4) Find the **Area**:



$A =$

5) What is the area of this triangle? $B = 62.8$ ft, $H = 31.4$ ft.



6) Solve for x : $\frac{5}{16} = \frac{12}{x}$ Give your answer as a fraction.

7) Simplify and give your answer as a reduced fraction: $\frac{3}{4} + \frac{1}{3} - \frac{5}{12} =$

8) Simplify and give your answer as a mixed number: $8 \frac{3}{8} + 2 \frac{3}{4} =$

9) What is the average speed (mph) if a car travels 265 miles in 5.25 hrs?

10) Use your calculator to simplify to a single number in decimal format: $\frac{2.4 \cdot (2.6 + 1.4 \times 4.5)}{2.8 \times 1.5 + 4.1} =$