

$$\frac{40 \text{ yards}}{4.31 \text{ seconds}} \times \frac{3600 \text{ seconds}}{1 \text{ hour}} \times \frac{1 \text{ miles}}{1760 \text{ yards}} = \frac{19 \text{ miles}}{\text{hour}}$$

$$\text{speed} = \frac{\text{distance}}{\text{time}}$$

3 Act Math

180 Estimate

$$\text{percent error} = \frac{\text{difference}}{\text{actual}}$$

Estimate is 125; Actual is 115

$$\frac{125 - 115}{115} = 0.087 = 8.7\%$$

$$\frac{7}{26} \times \frac{13}{14} = \frac{91}{364}$$

$$\frac{13}{26} \times \frac{7}{14} = \frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$$

1 inch = 2.54 cm
 39.4 in = 1 meter
 1760 yards = 1 mile
 5280 feet = 1 mile
 1.61 km = 1 mile
 2.2 pounds = 1 kg
 8 oz = 1 cup
 4 cup = quart
 1 gallon = 3.79 liters
 16 oz = 1 pound
 1 liter = 1000 cm³
 sound = 767 m/h

Journal Grade (Mastery)

Quality/Quantity (30 pts):

Quality –

- 1) must have title
- 2) must answer all the questions
- 3) must have enough white space for easy readability;

Quantity – must have every warm-up or date when absent in book

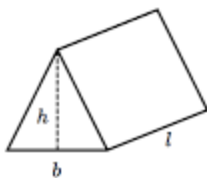
What needed (25 pts) – must have the item(s) needed to solve each problem

Calculation (25 pts) – must have the numbers and operations used to calculate the solution.

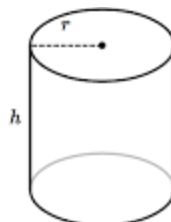
Estimation 180 (10 pts)

Notes from the unit (10 pts)

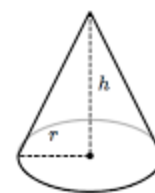
T = Title; M = Math; W = What is needed
 S = White Space



$$V = \frac{b \cdot h \cdot l}{2}$$



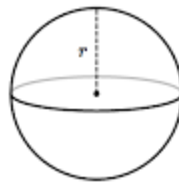
$$V = \pi r^2 h$$



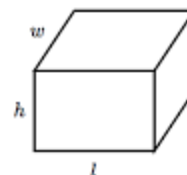
$$V = \frac{\pi r^2 h}{3}$$



$$V = \frac{l \cdot w \cdot h}{3}$$



$$V = \frac{4}{3} \pi r^3$$



$$V = l \cdot w \cdot h$$