

### Math 70 Quiz #3 Answers

1. 36% (9 out of 25  $\rightarrow \frac{9}{25} = 0.36$  or  $\frac{36}{100}$ )

2. 41% of 8078  $\approx 3200$  (This is approx. 40% of 8000 which is  $0.4 \times 8000 = 3200$ )

3. 1350 meters ( $\frac{1.35\text{km}}{1} \times \frac{1000\text{m}}{1\text{km}} = 1350 \text{ m}$ )

4. 0.215 g ( $\frac{215\text{mg}}{1} \times \frac{1\text{g}}{1000\text{mg}} = 0.215 \text{ g}$ )

5. Answers will vary. Here are some good examples of rational numbers:  $-\frac{2}{3}$ ,  $\frac{48}{23}$ ,  $-0.763$ ,  $10.\overline{35}$

6. 14.2