

### Math 70 Quiz #3 Answers

1.  $\frac{45}{30} = \frac{3}{2} = 1.5 = \boxed{150\%}$

2.  $\frac{11 \text{ boys}}{20 \text{ children}} = \frac{55}{100}$  or  $0.55 = \boxed{55\%}$

3.  $35,216 \text{ m} \times \frac{1 \text{ km}}{1000 \text{ m}} = \frac{35,216}{1000} \text{ km} = \boxed{35.216 \text{ km}}$

4.  $5.6 \text{ g} \times \frac{1000 \text{ mg}}{1 \text{ g}} = \boxed{5600 \text{ mg}}$

5.  $6 \text{ in} \times \frac{2.54 \text{ cm}}{1 \text{ in}} = 6 \times 2.54 \text{ cm} = \boxed{15.24 \text{ cm}}$

6. (a)  $-3 + (-11) = \boxed{-14}$

(b)  $1.7 + (-11) = \boxed{-9.3}$