

Math 70 Quiz #1 Answers

1. (a) $\frac{4}{24} = \boxed{\frac{1}{6}}$ (Divide a common factor of 4 out of the numerator and denominator.)

(b) $\frac{15}{40} = \boxed{\frac{3}{8}}$ (Divide a common factor of 5 out of the numerator and denominator.)

2. $\frac{5}{8} = \boxed{\frac{45}{72}}$

3. $\frac{12}{7} = \boxed{1\frac{5}{7}}$

4. $6\frac{2}{11} = \boxed{\frac{68}{11}}$

5. $\frac{\text{Number of Boys}}{\text{Total Class}} = \boxed{\frac{7}{11}}$

6. (a) $\frac{3}{12} + \frac{5}{12} = \frac{8}{12} = \boxed{\frac{2}{3}}$

(b) $\frac{6}{15} + \frac{3}{5} = \frac{6}{15} + \frac{9}{15} = \frac{15}{15} = \boxed{1}$

(c) $1\frac{3}{8} - \frac{5}{6} = \frac{11}{8} - \frac{5}{6} = \frac{33}{24} - \frac{20}{24} = \boxed{\frac{13}{24}}$