

Math 70 Quiz #1
September 29, 2009

Name: _____

Show all work on a separate paper. Staple this sheet to your answers. Simplify your answers as much as possible.

1. Simplify the following fractions.

(a) (1 pt.) $\frac{4}{24} =$

(b) (1 pt.) $\frac{15}{40} =$

2. (1 pt.) Rewrite $\frac{5}{8}$ to have a denominator of 72. $\Rightarrow \frac{5}{8} = \frac{?}{72}$

3. (1 pt.) Write $\frac{12}{7}$ as a mixed number.

4. (1 pt.) Write $6\frac{2}{11}$ as an improper fraction.

5. (2 pts.) A preschool class has 7 boys and 4 girls. What fractional part of the total class is made up of boys?

6. Simplify the following as much as possible.

(a) (2 pts.) $\frac{3}{12} + \frac{5}{12} =$

(b) (3 pts.) $\frac{6}{15} + \frac{3}{5} =$

(c) (3 pts.) $1\frac{3}{8} - \frac{5}{6} =$