

Chapter 3 — Fraction Foundations

Worksheet C: Mixed Application

Name: _____ Grade: _____ Date: _____

1. A student says $\frac{5}{9}$ is greater than $\frac{3}{4}$ because $5 > 3$. Explain the mistake.

2. Which recipe uses more milk: $\frac{3}{4}$ cup or $\frac{5}{8}$ cup? Show your method.

3. A student says $\frac{8}{12}$ is already simplified. Explain the mistake.

4. Write three fractions equivalent to $\frac{2}{5}$.

5. Write $\frac{17}{3}$ as a mixed number.

6. Write $5\frac{3}{4}$ as an improper fraction.

7. Which is closer to 1: $\frac{7}{8}$ or $\frac{5}{6}$? Explain.

8. Order from least to greatest: $\frac{3}{5}$, $\frac{7}{10}$, $\frac{1}{2}$, $\frac{4}{5}$

9. Is $\frac{11}{8}$ greater than 1? Explain.

10. Are $\frac{6}{9}$ and $\frac{2}{3}$ the same amount? Explain.

11. Give a fraction between $\frac{3}{5}$ and 1.

12. Give an improper fraction equal to 4.

13. Explain why $\frac{5}{6}$ and $\frac{15}{18}$ are equivalent.

14. Compare $\frac{5}{8}$ and $\frac{7}{12}$ using two different methods.

15. Explain why adding the same number to the numerator and denominator usually does not make an equivalent fraction.