

Chapter 3 — Fraction Foundations

Worksheet A: Guided Practice

Name: _____ Grade: _____ Date: _____

1. In $\frac{4}{7}$, identify the numerator and the denominator.

Top number.

2. In $\frac{8}{13}$, identify the numerator and the denominator.

Bottom number.

3. $\frac{1}{6} = \frac{?}{24}$

Multiply top and bottom by the same number.

4. $\frac{5}{8} = \frac{?}{56}$

Multiply top and bottom by the same number.

5. Simplify: $\frac{6}{8}$

Divide top and bottom by a common factor.

6. Simplify: $\frac{10}{15}$

Find a common factor of 10 and 15.

7. Compare: $\frac{3}{7}$ and $\frac{4}{7}$

Same denominator: compare numerators directly.

8. Compare: $\frac{5}{9}$ and $\frac{5}{6}$

Use a common denominator.

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

Write each with a common denominator before comparing.

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10. Write $\frac{9}{2}$ as a mixed number.

Divide the numerator by the denominator.

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11. Write $2\frac{1}{5}$ as an improper fraction.

Whole $\times$ denominator, then add the numerator.

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12. Is $\frac{3}{7}$ equal to, less than, or greater than 1?

Same numerator and denominator.

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13. Is $\frac{8}{5}$ equal to, less than, or greater than 1?

Numerator is bigger than denominator.

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14. Order from least to greatest: $\frac{2}{3}, \frac{5}{6}, \frac{1}{2}$

Rewrite each with a common denominator.

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15. Explain why $\frac{2}{3} = \frac{4}{6}$.

Multiply both parts of the smaller fraction to check.