

3.8 Comparing and Ordering Fractions

Chapter 3: Factors, Multiples, and Fractions

Name: _____

Date: _____

Class/Period: _____

Problem 3.108 Directions:

Use $<$, $>$, or $=$.

$$\frac{18}{24} \square \frac{6}{10}$$

Problem 3.111 Directions:

Use $<$, $>$, or $=$.

$$\frac{5}{12} \square \frac{7}{18}$$

Problem 3.109 Directions:

Use $<$, $>$, or $=$.

$$\frac{15}{4} \square \frac{33}{9}$$

Problem 3.112 Directions:

Use $<$, $>$, or $=$.

$$\frac{11}{20} \square \frac{4}{9}$$

Problem 3.110 Directions:

Use $<$, $>$, or $=$.

$$\frac{16}{9} \square \frac{80}{45}$$

Problem 3.113 Directions:

Use $<$, $>$, or $=$.

$$2\frac{3}{10} \square 2\frac{5}{16}$$

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Problem 3.114 Directions:

Use $<$, $>$, or $=$.

Order $\frac{5}{9}$, $\frac{11}{18}$, $\frac{2}{3}$ from least to greatest.

Problem 3.117 Directions:

Use $<$, $>$, or $=$.

Amy sold $\frac{2}{3}$ of her tickets, Josh sold $\frac{7}{12}$, and Rhea sold $\frac{3}{5}$. Who sold the fewest? Explain.

Problem 3.115 Directions:

Use $<$, $>$, or $=$.

Order $\frac{7}{10}$, $\frac{4}{6}$, $\frac{3}{5}$ from greatest to least.

Problem 3.118 Directions:

Use $<$, $>$, or $=$.

Package A weighs $1\frac{5}{6}$ ounces, Package B weighs $1\frac{17}{21}$ ounces, and Package C weighs $1\frac{2}{3}$ ounces. Which is heaviest?

Problem 3.116 Directions:

Use $<$, $>$, or $=$.

Order $\frac{5}{2}$, $\frac{9}{4}$, $\frac{11}{6}$ from greatest to least.

Problem 3.119 Directions:

Use $<$, $>$, or $=$.

Create three different fractions between $\frac{1}{2}$ and $\frac{3}{4}$. Prove that each lies in the interval.