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| **Answer Key**<>Solve by following the steps below to create equivalent fractions. |
| 1. $ \frac{2}{3}$ $\frac{3}{4}$ Solve by following the steps below to create equivalent fractions. a. Find the least common denominator **(LCD)** for $\frac{2}{3}$ and $\frac{3}{4}$.Multiples of 3: 3, 6, 9, 12Multiples of 4: 4, 8, 12b. Create equivalent fractions with the LCD.$\frac{2}{3}$ x $\frac{4}{4}$ = $\frac{8}{12}$ $\frac{3}{4}$ x $\frac{3}{3}$ = $\frac{9}{12}$b. Compare the new fractions.<$\frac{8}{12} $ $\frac{9}{12}$> | 2. $\frac{3}{4}$ $\frac{4}{6}$ a. Find the least common denominator **(LCD)** for $\frac{3}{4}$ and $\frac{4}{6}$.Multiples of 4: 4, 8, 12Multiples of 6: 6, 12b. Create equivalent fractions with the LCD.$\frac{3}{4}$ x $\frac{3}{3}$ = $\frac{9}{12}$ $\frac{4}{6}$ x $\frac{2}{2}$ = $\frac{8}{12}$b. Compare the new fractions.>$\frac{9}{12} $ $\frac{8}{12}$< |
| 3. $ \frac{4}{5}$ $\frac{6}{8}$ Solve by following the steps below to create equivalent fractions.a. Find the LCD for $\frac{4}{5}$ and $\frac{6}{8}$. Multiples of 5: 5, 10, 15, 20, 25, 30, 35, 40Multiples of 8: 8, 16, 24, 32, 40b. Create equivalent fractions with the LCD.$\frac{4}{5}$ x $\frac{8}{8}$ = $\frac{32}{40}$ $\frac{6}{8}$ x $\frac{5}{5}$ = $\frac{30}{40}$b. Compare the new fractions.>$\frac{32}{40} $ $\frac{30}{40}$< | 4. $\frac{1}{3}$ $\frac{3}{8}$ Solve by following the steps below to create equivalent fractions.a. Find the LCD for $\frac{1}{3}$ and $\frac{3}{8}$.Multiples of 3: 3, 6, 9, 12, 15, 18, 21, 24Multiples of 8: 8, 16, 24b. Create equivalent fractions with the LCD.$\frac{1}{3}$ x $\frac{8}{8}$ = $\frac{8}{24}$ $\frac{3}{8}$ x $\frac{3}{3}$ = $\frac{9}{24}$b. Compare the new fractions.<$\frac{8}{24} $ $\frac{9}{24}$> |
| 5. $\frac{7}{12}$ $\frac{6}{8}$ Solve by following the steps below to create equivalent fractions.a. Find the LCD for $\frac{7}{12}$ and $\frac{6}{8}$.Multiples of 12: 12, 24Multiples of 8: 8, 16, 24b. Create equivalent fractions with the LCD.$\frac{7}{12}$ x $\frac{2}{2}$ = $\frac{14}{24}$ $\frac{6}{8}$ x $\frac{3}{3}$ = $\frac{18}{24}$b. Compare the new fractions.<$\frac{14}{24} $ $\frac{18}{24}$ | 6. $\frac{2}{8}$ $\frac{1}{6}$ Solve by following the steps below to create equivalent fractions.a. Find the LCD for $\frac{2}{8}$ and $\frac{1}{6}$. Multiples of 8: 8, 16, 24Multiples of 6: 6, 12, 18b. Create equivalent fractions with the LCD. $\frac{2}{8}$ x $\frac{3}{3}$ = $\frac{6}{24}$ $\frac{1}{6}$ x $\frac{4}{4}$ = $\frac{4}{24}$b. Compare the new fractions.>$\frac{6}{24} $ $\frac{4}{24}$ |
| 7. Create equivalent fractions to compare $\frac{5}{8}$ and $\frac{6}{10}$ . $\frac{25}{40} $ $\frac{24}{40}$> | 8. Create equivalent fractions to compare $\frac{4}{12}$ and $\frac{2}{8}$ . $\frac{8}{24} $ $\frac{6}{24}$> |
| 7. Create equivalent fractions to compare $\frac{3}{7}$ and $\frac{1}{3}$ . >$\frac{9}{21} $ $\frac{7}{21}$ | 8. Create equivalent fractions to compare $\frac{5}{7}$ and $\frac{3}{4}$ . <$\frac{20}{28} $ $\frac{21}{28}$ |
| 9. Create equivalent fractions to compare $\frac{5}{12}$ and $\frac{4}{9}$ . <$\frac{15}{36} $ $\frac{16}{36}$ | 10. Create equivalent fractions to compare $\frac{4}{6}$ and $\frac{3}{5}$ . >$\frac{20}{30} $ $\frac{18}{30}$ |
| 11. Jack walks $\frac{3}{5}$ of a mile to school. Jill walks $\frac{2}{3}$ of a mile to school. Who walks the farthest? Create equivalent fractions to compare.$\frac{9}{15} $ $\frac{10}{15}$<Jill walks the farthest. | 12. Hannah bought $\frac{6}{8}$ of a yard of fabric. Lisa bought $\frac{2}{3}$ of a yard of fabric. Who bought the most fabric? Create equivalent fractions to compare.>$\frac{18}{24} $ $\frac{16}{24}$Hannah bought the most fabric. |