

Unit 2: Fraction Equivalence and Comparison

ADVANCED · SET 2

Name: _____ Date: _____

Show your work. Write each answer as a whole number, a fraction in lowest terms (like $\frac{3}{4}$), or the exact value asked for.

1. Fill in the missing numerator: $\frac{7}{12} = \frac{?}{60}$.

Answer: _____

3. Find the missing denominator: $\frac{45}{54} = \frac{5}{?}$.

Answer: _____

5. Order these three fractions from LEAST to GREATEST, separated by commas: $\frac{3}{4}$, $\frac{5}{8}$, $\frac{11}{16}$.

Answer: _____

7. Which fraction is exactly halfway in value between $\frac{1}{2}$ and $\frac{3}{4}$? Give your answer in lowest terms.

Answer: _____

9. Find the missing numerator so the fractions are equivalent: $\frac{?}{48} = \frac{15}{20}$.

Answer: _____

11. Compare $\frac{13}{20}$ and $\frac{2}{3}$ by writing both over a denominator of 60. Which is greater? Write the greater fraction.

Answer: _____

2. Write $\frac{24}{36}$ in lowest terms (simplest form).

Answer: _____

4. Compare using a common denominator. Which is greater, $\frac{5}{8}$ or $\frac{7}{12}$? Write the greater fraction.

Answer: _____

6. Compare $\frac{7}{9}$ and $\frac{5}{6}$ using a common denominator of 18. Write < or > to complete: $\frac{7}{9}$? $\frac{5}{6}$.

Answer: _____

8. A recipe uses $\frac{9}{12}$ cup of flour. Written in simplest form, how many fourths of a cup is that? Give the answer as a fraction.

Answer: _____

10. Of the fractions $\frac{6}{10}$, $\frac{3}{5}$, and $\frac{12}{20}$, how many DIFFERENT values are there in total?

Answer: _____

12. Which is the greatest of these four fractions: $\frac{5}{6}$, $\frac{7}{8}$, $\frac{11}{12}$, $\frac{15}{16}$? Write it as given.

Answer: _____