

Equivalent & Comparing Fractions

Fractions, Decimals & % · Grade 4

Score: _____ / 10

◆ Medium · 10 Questions

Solve each problem. Show your work in the space provided. Write your answer on the line.

1. Simplify $\frac{6}{9}$ to lowest terms.

Answer: _____

2. Simplify $\frac{10}{15}$ to lowest terms.

Answer: _____

3. Simplify $12/16$ to lowest terms.

Answer: _____

4. Simplify $8/24$ to lowest terms.

Answer: _____

5. Simplify $18/24$ to lowest terms.

Answer: _____

6. Is $\frac{4}{10}$ in simplest form? If not, simplify.

Answer: _____

7. Order from least to greatest:

$\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$

Answer: _____

8. Simplify $\frac{15}{35}$ to lowest terms.

Answer: _____

9. Simplify $14/21$ to lowest terms.

Answer: _____

10. Simplify $20/25$ to lowest terms.

Answer: _____

Answer Key

Equivalent & Comparing Fractions — Medium

1. $\frac{2}{3}$

$GCF=3$. $6 \div 3=2$, $9 \div 3=3$.

2. $\frac{2}{3}$

$GCF=5$. $10 \div 5=2$, $15 \div 5=3$.

3. $\frac{3}{4}$

$GCF=4$. $12 \div 4=3$, $16 \div 4=4$.

4. $\frac{1}{3}$

$GCF=8$. $8 \div 8=1$, $24 \div 8=3$.

5. $\frac{3}{4}$

$GCF=6$. $18 \div 6=3$, $24 \div 6=4$.

6. No. $\frac{4}{10} = \frac{2}{5}$.

$GCF=2$. $4 \div 2=2$, $10 \div 2=5$.

7. $\frac{1}{4} < \frac{1}{3} < \frac{1}{2}$

$LCD=12$: $\frac{3}{12}$, $\frac{4}{12}$, $\frac{6}{12}$. Order: $\frac{1}{4} < \frac{1}{3} < \frac{1}{2}$.

8. $\frac{3}{7}$

$GCF=5$. $15 \div 5=3$, $35 \div 5=7$.

9. $\frac{2}{3}$

$GCF=7$. $14 \div 7=2$, $21 \div 7=3$.

10. $\frac{4}{5}$

$GCF=5$. $20 \div 5=4$, $25 \div 5=5$.