

Simplifying Improper Fractions (G)

Name: _____

Date: _____

Score: _____

Simplify each fraction to its lowest terms; then change the fraction to a mixed number.

1. $\frac{46}{16} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

11. $\frac{22}{12} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

2. $\frac{81}{36} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

12. $\frac{66}{54} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

3. $\frac{57}{24} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

13. $\frac{91}{49} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4. $\frac{35}{15} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

14. $\frac{72}{45} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

5. $\frac{28}{21} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

15. $\frac{52}{28} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

6. $\frac{33}{18} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

16. $\frac{56}{24} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

7. $\frac{95}{45} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

17. $\frac{55}{25} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

8. $\frac{44}{28} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

18. $\frac{15}{12} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

9. $\frac{14}{10} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

19. $\frac{54}{48} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

10. $\frac{56}{48} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

20. $\frac{44}{16} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

Simplifying Improper Fractions (G) Answers

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Simplify each fraction to its lowest terms; then change the fraction to a mixed number.

$$1. \quad \frac{46}{16} \begin{array}{c} \xrightarrow{\div 2} \\ \hline \\ \xrightarrow{\div 2} \end{array} \frac{23}{8} = 2\frac{7}{8}$$

$$11. \quad \frac{22}{12} \begin{array}{c} \xrightarrow{\div 2} \\ \hline \\ \xrightarrow{\div 2} \end{array} \frac{11}{6} = 1\frac{5}{6}$$

$$2. \quad \frac{81}{36} \begin{array}{c} \xrightarrow{\div 9} \\ \hline \\ \xrightarrow{\div 9} \end{array} \frac{9}{4} = 2\frac{1}{4}$$

$$12. \quad \frac{66}{54} \begin{array}{c} \xrightarrow{\div 6} \\ \hline \\ \xrightarrow{\div 6} \end{array} \frac{11}{9} = 1\frac{2}{9}$$

$$3. \quad \frac{57}{24} \begin{array}{c} \xrightarrow{\div 3} \\ \hline \\ \xrightarrow{\div 3} \end{array} \frac{19}{8} = 2\frac{3}{8}$$

$$13. \quad \frac{91}{49} \begin{array}{c} \xrightarrow{\div 7} \\ \hline \\ \xrightarrow{\div 7} \end{array} \frac{13}{7} = 1\frac{6}{7}$$

$$4. \quad \frac{35}{15} \begin{array}{c} \xrightarrow{\div 5} \\ \hline \\ \xrightarrow{\div 5} \end{array} \frac{7}{3} = 2\frac{1}{3}$$

$$14. \quad \frac{72}{45} \begin{array}{c} \xrightarrow{\div 9} \\ \hline \\ \xrightarrow{\div 9} \end{array} \frac{8}{5} = 1\frac{3}{5}$$

$$5. \quad \frac{28}{21} \begin{array}{c} \xrightarrow{\div 7} \\ \hline \\ \xrightarrow{\div 7} \end{array} \frac{4}{3} = 1\frac{1}{3}$$

$$15. \quad \frac{52}{28} \begin{array}{c} \xrightarrow{\div 4} \\ \hline \\ \xrightarrow{\div 4} \end{array} \frac{13}{7} = 1\frac{6}{7}$$

$$6. \quad \frac{33}{18} \begin{array}{c} \xrightarrow{\div 3} \\ \hline \\ \xrightarrow{\div 3} \end{array} \frac{11}{6} = 1\frac{5}{6}$$

$$16. \quad \frac{56}{24} \begin{array}{c} \xrightarrow{\div 8} \\ \hline \\ \xrightarrow{\div 8} \end{array} \frac{7}{3} = 2\frac{1}{3}$$

$$7. \quad \frac{95}{45} \begin{array}{c} \xrightarrow{\div 5} \\ \hline \\ \xrightarrow{\div 5} \end{array} \frac{19}{9} = 2\frac{1}{9}$$

$$17. \quad \frac{55}{25} \begin{array}{c} \xrightarrow{\div 5} \\ \hline \\ \xrightarrow{\div 5} \end{array} \frac{11}{5} = 2\frac{1}{5}$$

$$8. \quad \frac{44}{28} \begin{array}{c} \xrightarrow{\div 4} \\ \hline \\ \xrightarrow{\div 4} \end{array} \frac{11}{7} = 1\frac{4}{7}$$

$$18. \quad \frac{15}{12} \begin{array}{c} \xrightarrow{\div 3} \\ \hline \\ \xrightarrow{\div 3} \end{array} \frac{5}{4} = 1\frac{1}{4}$$

$$9. \quad \frac{14}{10} \begin{array}{c} \xrightarrow{\div 2} \\ \hline \\ \xrightarrow{\div 2} \end{array} \frac{7}{5} = 1\frac{2}{5}$$

$$19. \quad \frac{54}{48} \begin{array}{c} \xrightarrow{\div 6} \\ \hline \\ \xrightarrow{\div 6} \end{array} \frac{9}{8} = 1\frac{1}{8}$$

$$10. \quad \frac{56}{48} \begin{array}{c} \xrightarrow{\div 8} \\ \hline \\ \xrightarrow{\div 8} \end{array} \frac{7}{6} = 1\frac{1}{6}$$

$$20. \quad \frac{44}{16} \begin{array}{c} \xrightarrow{\div 4} \\ \hline \\ \xrightarrow{\div 4} \end{array} \frac{11}{4} = 2\frac{3}{4}$$