

Simplifying Improper Fractions (D)

Name: _____

Date: _____

Score: _____

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

1. $\frac{14}{8} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

11. $\frac{24}{15} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

12. $\frac{60}{21} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

13. $\frac{138}{54} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4. $\frac{52}{24} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

14. $\frac{102}{48} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

5. $\frac{27}{12} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

15. $\frac{63}{54} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

6. $\frac{95}{35} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

16. $\frac{68}{24} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

7. $\frac{48}{40} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

17. $\frac{85}{35} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

8. $\frac{36}{32} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

18. $\frac{147}{56} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

9. $\frac{40}{24} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

19. $\frac{25}{15} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

10. $\frac{32}{18} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

Simplifying Improper Fractions (D) Answers

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

$$1. \quad \frac{14}{8} \begin{array}{c} \xrightarrow{\div 2} \\ \hline \\ \xrightarrow{\div 2} \end{array} \frac{7}{4} = 1\frac{3}{4}$$

$$11. \quad \frac{24}{15} \begin{array}{c} \xrightarrow{\div 3} \\ \hline \\ \xrightarrow{\div 3} \end{array} \frac{8}{5} = 1\frac{3}{5}$$

$$2. \quad \frac{28}{21} \begin{array}{c} \xrightarrow{\div 7} \\ \hline \\ \xrightarrow{\div 7} \end{array} \frac{4}{3} = 1\frac{1}{3}$$

$$12. \quad \frac{60}{21} \begin{array}{c} \xrightarrow{\div 3} \\ \hline \\ \xrightarrow{\div 3} \end{array} \frac{20}{7} = 2\frac{6}{7}$$

$$3. \quad \frac{14}{10} \begin{array}{c} \xrightarrow{\div 2} \\ \hline \\ \xrightarrow{\div 2} \end{array} \frac{7}{5} = 1\frac{2}{5}$$

$$13. \quad \frac{138}{54} \begin{array}{c} \xrightarrow{\div 6} \\ \hline \\ \xrightarrow{\div 6} \end{array} \frac{23}{9} = 2\frac{5}{9}$$

$$4. \quad \frac{52}{24} \begin{array}{c} \xrightarrow{\div 4} \\ \hline \\ \xrightarrow{\div 4} \end{array} \frac{13}{6} = 2\frac{1}{6}$$

$$14. \quad \frac{102}{48} \begin{array}{c} \xrightarrow{\div 6} \\ \hline \\ \xrightarrow{\div 6} \end{array} \frac{17}{8} = 2\frac{1}{8}$$

$$5. \quad \frac{27}{12} \begin{array}{c} \xrightarrow{\div 3} \\ \hline \\ \xrightarrow{\div 3} \end{array} \frac{9}{4} = 2\frac{1}{4}$$

$$15. \quad \frac{63}{54} \begin{array}{c} \xrightarrow{\div 9} \\ \hline \\ \xrightarrow{\div 9} \end{array} \frac{7}{6} = 1\frac{1}{6}$$

$$6. \quad \frac{95}{35} \begin{array}{c} \xrightarrow{\div 5} \\ \hline \\ \xrightarrow{\div 5} \end{array} \frac{19}{7} = 2\frac{5}{7}$$

$$16. \quad \frac{68}{24} \begin{array}{c} \xrightarrow{\div 4} \\ \hline \\ \xrightarrow{\div 4} \end{array} \frac{17}{6} = 2\frac{5}{6}$$

$$7. \quad \frac{48}{40} \begin{array}{c} \xrightarrow{\div 8} \\ \hline \\ \xrightarrow{\div 8} \end{array} \frac{6}{5} = 1\frac{1}{5}$$

$$17. \quad \frac{85}{35} \begin{array}{c} \xrightarrow{\div 5} \\ \hline \\ \xrightarrow{\div 5} \end{array} \frac{17}{7} = 2\frac{3}{7}$$

$$8. \quad \frac{36}{32} \begin{array}{c} \xrightarrow{\div 4} \\ \hline \\ \xrightarrow{\div 4} \end{array} \frac{9}{8} = 1\frac{1}{8}$$

$$18. \quad \frac{147}{56} \begin{array}{c} \xrightarrow{\div 7} \\ \hline \\ \xrightarrow{\div 7} \end{array} \frac{21}{8} = 2\frac{5}{8}$$

$$9. \quad \frac{40}{24} \begin{array}{c} \xrightarrow{\div 8} \\ \hline \\ \xrightarrow{\div 8} \end{array} \frac{5}{3} = 1\frac{2}{3}$$

$$19. \quad \frac{25}{15} \begin{array}{c} \xrightarrow{\div 5} \\ \hline \\ \xrightarrow{\div 5} \end{array} \frac{5}{3} = 1\frac{2}{3}$$

$$10. \quad \frac{32}{18} \begin{array}{c} \xrightarrow{\div 2} \\ \hline \\ \xrightarrow{\div 2} \end{array} \frac{16}{9} = 1\frac{7}{9}$$

$$20. \quad \frac{81}{36} \begin{array}{c} \xrightarrow{\div 9} \\ \hline \\ \xrightarrow{\div 9} \end{array} \frac{9}{4} = 2\frac{1}{4}$$