

Simplifying Improper Fractions (B)

Name: _____

Date: _____

Score: _____

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

1. $\frac{115}{40} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

2. $\frac{80}{56} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

12. $\frac{10}{8} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

3. $\frac{48}{42} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

13. $\frac{49}{21} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4. $\frac{39}{18} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

14. $\frac{119}{56} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

5. $\frac{28}{10} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

15. $\frac{76}{32} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

6. $\frac{36}{16} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

16. $\frac{60}{25} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

7. $\frac{110}{45} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

17. $\frac{39}{27} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

8. $\frac{21}{9} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

18. $\frac{88}{48} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

9. $\frac{48}{28} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

19. $\frac{63}{45} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

10. $\frac{42}{36} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

20. $\frac{63}{27} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

Simplifying Improper Fractions (B) Answers

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

$$1. \quad \frac{115}{40} \begin{array}{c} \xrightarrow{\div 5} \\ \hline \\ \xrightarrow{\div 5} \end{array} \frac{23}{8} = 2\frac{7}{8}$$

$$11. \quad \frac{14}{8} \begin{array}{c} \xrightarrow{\div 2} \\ \hline \\ \xrightarrow{\div 2} \end{array} \frac{7}{4} = 1\frac{3}{4}$$

$$2. \quad \frac{80}{56} \begin{array}{c} \xrightarrow{\div 8} \\ \hline \\ \xrightarrow{\div 8} \end{array} \frac{10}{7} = 1\frac{3}{7}$$

$$12. \quad \frac{10}{8} \begin{array}{c} \xrightarrow{\div 2} \\ \hline \\ \xrightarrow{\div 2} \end{array} \frac{5}{4} = 1\frac{1}{4}$$

$$3. \quad \frac{48}{42} \begin{array}{c} \xrightarrow{\div 6} \\ \hline \\ \xrightarrow{\div 6} \end{array} \frac{8}{7} = 1\frac{1}{7}$$

$$13. \quad \frac{49}{21} \begin{array}{c} \xrightarrow{\div 7} \\ \hline \\ \xrightarrow{\div 7} \end{array} \frac{7}{3} = 2\frac{1}{3}$$

$$4. \quad \frac{39}{18} \begin{array}{c} \xrightarrow{\div 3} \\ \hline \\ \xrightarrow{\div 3} \end{array} \frac{13}{6} = 2\frac{1}{6}$$

$$14. \quad \frac{119}{56} \begin{array}{c} \xrightarrow{\div 7} \\ \hline \\ \xrightarrow{\div 7} \end{array} \frac{17}{8} = 2\frac{1}{8}$$

$$5. \quad \frac{28}{10} \begin{array}{c} \xrightarrow{\div 2} \\ \hline \\ \xrightarrow{\div 2} \end{array} \frac{14}{5} = 2\frac{4}{5}$$

$$15. \quad \frac{76}{32} \begin{array}{c} \xrightarrow{\div 4} \\ \hline \\ \xrightarrow{\div 4} \end{array} \frac{19}{8} = 2\frac{3}{8}$$

$$6. \quad \frac{36}{16} \begin{array}{c} \xrightarrow{\div 4} \\ \hline \\ \xrightarrow{\div 4} \end{array} \frac{9}{4} = 2\frac{1}{4}$$

$$16. \quad \frac{60}{25} \begin{array}{c} \xrightarrow{\div 5} \\ \hline \\ \xrightarrow{\div 5} \end{array} \frac{12}{5} = 2\frac{2}{5}$$

$$7. \quad \frac{110}{45} \begin{array}{c} \xrightarrow{\div 5} \\ \hline \\ \xrightarrow{\div 5} \end{array} \frac{22}{9} = 2\frac{4}{9}$$

$$17. \quad \frac{39}{27} \begin{array}{c} \xrightarrow{\div 3} \\ \hline \\ \xrightarrow{\div 3} \end{array} \frac{13}{9} = 1\frac{4}{9}$$

$$8. \quad \frac{21}{9} \begin{array}{c} \xrightarrow{\div 3} \\ \hline \\ \xrightarrow{\div 3} \end{array} \frac{7}{3} = 2\frac{1}{3}$$

$$18. \quad \frac{88}{48} \begin{array}{c} \xrightarrow{\div 8} \\ \hline \\ \xrightarrow{\div 8} \end{array} \frac{11}{6} = 1\frac{5}{6}$$

$$9. \quad \frac{48}{28} \begin{array}{c} \xrightarrow{\div 4} \\ \hline \\ \xrightarrow{\div 4} \end{array} \frac{12}{7} = 1\frac{5}{7}$$

$$19. \quad \frac{63}{45} \begin{array}{c} \xrightarrow{\div 9} \\ \hline \\ \xrightarrow{\div 9} \end{array} \frac{7}{5} = 1\frac{2}{5}$$

$$10. \quad \frac{42}{36} \begin{array}{c} \xrightarrow{\div 6} \\ \hline \\ \xrightarrow{\div 6} \end{array} \frac{7}{6} = 1\frac{1}{6}$$

$$20. \quad \frac{63}{27} \begin{array}{c} \xrightarrow{\div 9} \\ \hline \\ \xrightarrow{\div 9} \end{array} \frac{7}{3} = 2\frac{1}{3}$$