

Simplifying Improper Fractions (A)

Name: _____

Date: _____

Score: _____

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

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

11. $\frac{27}{24} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

12. $\frac{35}{21} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

13. $\frac{88}{32} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4. $\frac{78}{30} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

14. $\frac{20}{12} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

5. $\frac{104}{36} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

15. $\frac{38}{18} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

6. $\frac{14}{12} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

7. $\frac{22}{8} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

17. $\frac{30}{21} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

8. $\frac{112}{49} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

18. $\frac{104}{48} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

9. $\frac{40}{25} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

19. $\frac{66}{30} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

10. $\frac{63}{24} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

Simplifying Improper Fractions (A) Answers

Name: _____

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

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

$$11. \quad \frac{27}{24} \begin{array}{c} \xrightarrow{\div 3} \\ \hline \\ \xrightarrow{\div 3} \end{array} \frac{9}{8} = 1\frac{1}{8}$$

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

$$12. \quad \frac{35}{21} \begin{array}{c} \xrightarrow{\div 7} \\ \hline \\ \xrightarrow{\div 7} \end{array} \frac{5}{3} = 1\frac{2}{3}$$

$$3. \quad \frac{95}{35} \begin{array}{c} \xrightarrow{\div 5} \\ \hline \\ \xrightarrow{\div 5} \end{array} \frac{19}{7} = 2\frac{5}{7}$$

$$13. \quad \frac{88}{32} \begin{array}{c} \xrightarrow{\div 8} \\ \hline \\ \xrightarrow{\div 8} \end{array} \frac{11}{4} = 2\frac{3}{4}$$

$$4. \quad \frac{78}{30} \begin{array}{c} \xrightarrow{\div 6} \\ \hline \\ \xrightarrow{\div 6} \end{array} \frac{13}{5} = 2\frac{3}{5}$$

$$14. \quad \frac{20}{12} \begin{array}{c} \xrightarrow{\div 4} \\ \hline \\ \xrightarrow{\div 4} \end{array} \frac{5}{3} = 1\frac{2}{3}$$

$$5. \quad \frac{104}{36} \begin{array}{c} \xrightarrow{\div 4} \\ \hline \\ \xrightarrow{\div 4} \end{array} \frac{26}{9} = 2\frac{8}{9}$$

$$15. \quad \frac{38}{18} \begin{array}{c} \xrightarrow{\div 2} \\ \hline \\ \xrightarrow{\div 2} \end{array} \frac{19}{9} = 2\frac{1}{9}$$

$$6. \quad \frac{14}{12} \begin{array}{c} \xrightarrow{\div 2} \\ \hline \\ \xrightarrow{\div 2} \end{array} \frac{7}{6} = 1\frac{1}{6}$$

$$16. \quad \frac{81}{36} \begin{array}{c} \xrightarrow{\div 9} \\ \hline \\ \xrightarrow{\div 9} \end{array} \frac{9}{4} = 2\frac{1}{4}$$

$$7. \quad \frac{22}{8} \begin{array}{c} \xrightarrow{\div 2} \\ \hline \\ \xrightarrow{\div 2} \end{array} \frac{11}{4} = 2\frac{3}{4}$$

$$17. \quad \frac{30}{21} \begin{array}{c} \xrightarrow{\div 3} \\ \hline \\ \xrightarrow{\div 3} \end{array} \frac{10}{7} = 1\frac{3}{7}$$

$$8. \quad \frac{112}{49} \begin{array}{c} \xrightarrow{\div 7} \\ \hline \\ \xrightarrow{\div 7} \end{array} \frac{16}{7} = 2\frac{2}{7}$$

$$18. \quad \frac{104}{48} \begin{array}{c} \xrightarrow{\div 8} \\ \hline \\ \xrightarrow{\div 8} \end{array} \frac{13}{6} = 2\frac{1}{6}$$

$$9. \quad \frac{40}{25} \begin{array}{c} \xrightarrow{\div 5} \\ \hline \\ \xrightarrow{\div 5} \end{array} \frac{8}{5} = 1\frac{3}{5}$$

$$19. \quad \frac{66}{30} \begin{array}{c} \xrightarrow{\div 6} \\ \hline \\ \xrightarrow{\div 6} \end{array} \frac{11}{5} = 2\frac{1}{5}$$

$$10. \quad \frac{63}{24} \begin{array}{c} \xrightarrow{\div 3} \\ \hline \\ \xrightarrow{\div 3} \end{array} \frac{21}{8} = 2\frac{5}{8}$$

$$20. \quad \frac{115}{40} \begin{array}{c} \xrightarrow{\div 5} \\ \hline \\ \xrightarrow{\div 5} \end{array} \frac{23}{8} = 2\frac{7}{8}$$