

## Simplifying Improper Fractions (E)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

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

1.  $\frac{45}{25} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

11.  $\frac{144}{56} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

2.  $\frac{56}{21} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

12.  $\frac{84}{32} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

3.  $\frac{40}{28} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

13.  $\frac{153}{72} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4.  $\frac{22}{10} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

14.  $\frac{33}{12} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

5.  $\frac{22}{14} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

6.  $\frac{34}{12} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

16.  $\frac{88}{72} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

7.  $\frac{55}{30} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

8.  $\frac{21}{18} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

18.  $\frac{54}{24} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

9.  $\frac{49}{28} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

19.  $\frac{84}{54} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

10.  $\frac{24}{20} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

20.  $\frac{207}{72} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

## Simplifying Improper Fractions (E) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

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

$$1. \quad \frac{45}{25} \begin{array}{c} \xrightarrow{\div 5} \\ \hline \\ \xrightarrow{\div 5} \end{array} \frac{9}{5} = 1\frac{4}{5}$$

$$11. \quad \frac{144}{56} \begin{array}{c} \xrightarrow{\div 8} \\ \hline \\ \xrightarrow{\div 8} \end{array} \frac{18}{7} = 2\frac{4}{7}$$

$$2. \quad \frac{56}{21} \begin{array}{c} \xrightarrow{\div 7} \\ \hline \\ \xrightarrow{\div 7} \end{array} \frac{8}{3} = 2\frac{2}{3}$$

$$12. \quad \frac{84}{32} \begin{array}{c} \xrightarrow{\div 4} \\ \hline \\ \xrightarrow{\div 4} \end{array} \frac{21}{8} = 2\frac{5}{8}$$

$$3. \quad \frac{40}{28} \begin{array}{c} \xrightarrow{\div 4} \\ \hline \\ \xrightarrow{\div 4} \end{array} \frac{10}{7} = 1\frac{3}{7}$$

$$13. \quad \frac{153}{72} \begin{array}{c} \xrightarrow{\div 9} \\ \hline \\ \xrightarrow{\div 9} \end{array} \frac{17}{8} = 2\frac{1}{8}$$

$$4. \quad \frac{22}{10} \begin{array}{c} \xrightarrow{\div 2} \\ \hline \\ \xrightarrow{\div 2} \end{array} \frac{11}{5} = 2\frac{1}{5}$$

$$14. \quad \frac{33}{12} \begin{array}{c} \xrightarrow{\div 3} \\ \hline \\ \xrightarrow{\div 3} \end{array} \frac{11}{4} = 2\frac{3}{4}$$

$$5. \quad \frac{22}{14} \begin{array}{c} \xrightarrow{\div 2} \\ \hline \\ \xrightarrow{\div 2} \end{array} \frac{11}{7} = 1\frac{4}{7}$$

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

$$6. \quad \frac{34}{12} \begin{array}{c} \xrightarrow{\div 2} \\ \hline \\ \xrightarrow{\div 2} \end{array} \frac{17}{6} = 2\frac{5}{6}$$

$$16. \quad \frac{88}{72} \begin{array}{c} \xrightarrow{\div 8} \\ \hline \\ \xrightarrow{\div 8} \end{array} \frac{11}{9} = 1\frac{2}{9}$$

$$7. \quad \frac{55}{30} \begin{array}{c} \xrightarrow{\div 5} \\ \hline \\ \xrightarrow{\div 5} \end{array} \frac{11}{6} = 1\frac{5}{6}$$

$$17. \quad \frac{24}{9} \begin{array}{c} \xrightarrow{\div 3} \\ \hline \\ \xrightarrow{\div 3} \end{array} \frac{8}{3} = 2\frac{2}{3}$$

$$8. \quad \frac{21}{18} \begin{array}{c} \xrightarrow{\div 3} \\ \hline \\ \xrightarrow{\div 3} \end{array} \frac{7}{6} = 1\frac{1}{6}$$

$$18. \quad \frac{54}{24} \begin{array}{c} \xrightarrow{\div 6} \\ \hline \\ \xrightarrow{\div 6} \end{array} \frac{9}{4} = 2\frac{1}{4}$$

$$9. \quad \frac{49}{28} \begin{array}{c} \xrightarrow{\div 7} \\ \hline \\ \xrightarrow{\div 7} \end{array} \frac{7}{4} = 1\frac{3}{4}$$

$$19. \quad \frac{84}{54} \begin{array}{c} \xrightarrow{\div 6} \\ \hline \\ \xrightarrow{\div 6} \end{array} \frac{14}{9} = 1\frac{5}{9}$$

$$10. \quad \frac{24}{20} \begin{array}{c} \xrightarrow{\div 4} \\ \hline \\ \xrightarrow{\div 4} \end{array} \frac{6}{5} = 1\frac{1}{5}$$

$$20. \quad \frac{207}{72} \begin{array}{c} \xrightarrow{\div 9} \\ \hline \\ \xrightarrow{\div 9} \end{array} \frac{23}{8} = 2\frac{7}{8}$$