

## 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: \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## 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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## Simplifying Improper Fractions (C)

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

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

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

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

1.  $\frac{77}{35} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

11.  $\frac{136}{48} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

12.  $\frac{120}{64} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

13.  $\frac{55}{40} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4.  $\frac{114}{48} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

14.  $\frac{36}{14} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

5.  $\frac{36}{30} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

15.  $\frac{57}{27} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

6.  $\frac{108}{45} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

16.  $\frac{117}{81} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

17.  $\frac{39}{21} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

8.  $\frac{77}{28} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

9.  $\frac{90}{35} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

19.  $\frac{44}{24} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

## Simplifying Improper Fractions (C) Answers

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

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

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

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

$$1. \quad \frac{77}{35} \begin{array}{c} \xrightarrow{\div 7} \\ \underline{=} \\ \xrightarrow{\div 7} \end{array} \frac{11}{5} = 2\frac{1}{5}$$

$$11. \quad \frac{136}{48} \begin{array}{c} \xrightarrow{\div 8} \\ \underline{=} \\ \xrightarrow{\div 8} \end{array} \frac{17}{6} = 2\frac{5}{6}$$

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

$$12. \quad \frac{120}{64} \begin{array}{c} \xrightarrow{\div 8} \\ \underline{=} \\ \xrightarrow{\div 8} \end{array} \frac{15}{8} = 1\frac{7}{8}$$

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

$$13. \quad \frac{55}{40} \begin{array}{c} \xrightarrow{\div 5} \\ \underline{=} \\ \xrightarrow{\div 5} \end{array} \frac{11}{8} = 1\frac{3}{8}$$

$$4. \quad \frac{114}{48} \begin{array}{c} \xrightarrow{\div 6} \\ \underline{=} \\ \xrightarrow{\div 6} \end{array} \frac{19}{8} = 2\frac{3}{8}$$

$$14. \quad \frac{36}{14} \begin{array}{c} \xrightarrow{\div 2} \\ \underline{=} \\ \xrightarrow{\div 2} \end{array} \frac{18}{7} = 2\frac{4}{7}$$

$$5. \quad \frac{36}{30} \begin{array}{c} \xrightarrow{\div 6} \\ \underline{=} \\ \xrightarrow{\div 6} \end{array} \frac{6}{5} = 1\frac{1}{5}$$

$$15. \quad \frac{57}{27} \begin{array}{c} \xrightarrow{\div 3} \\ \underline{=} \\ \xrightarrow{\div 3} \end{array} \frac{19}{9} = 2\frac{1}{9}$$

$$6. \quad \frac{108}{45} \begin{array}{c} \xrightarrow{\div 9} \\ \underline{=} \\ \xrightarrow{\div 9} \end{array} \frac{12}{5} = 2\frac{2}{5}$$

$$16. \quad \frac{117}{81} \begin{array}{c} \xrightarrow{\div 9} \\ \underline{=} \\ \xrightarrow{\div 9} \end{array} \frac{13}{9} = 1\frac{4}{9}$$

$$7. \quad \frac{16}{6} \begin{array}{c} \xrightarrow{\div 2} \\ \underline{=} \\ \xrightarrow{\div 2} \end{array} \frac{8}{3} = 2\frac{2}{3}$$

$$17. \quad \frac{39}{21} \begin{array}{c} \xrightarrow{\div 3} \\ \underline{=} \\ \xrightarrow{\div 3} \end{array} \frac{13}{7} = 1\frac{6}{7}$$

$$8. \quad \frac{77}{28} \begin{array}{c} \xrightarrow{\div 7} \\ \underline{=} \\ \xrightarrow{\div 7} \end{array} \frac{11}{4} = 2\frac{3}{4}$$

$$18. \quad \frac{33}{12} \begin{array}{c} \xrightarrow{\div 3} \\ \underline{=} \\ \xrightarrow{\div 3} \end{array} \frac{11}{4} = 2\frac{3}{4}$$

$$9. \quad \frac{90}{35} \begin{array}{c} \xrightarrow{\div 5} \\ \underline{=} \\ \xrightarrow{\div 5} \end{array} \frac{18}{7} = 2\frac{4}{7}$$

$$19. \quad \frac{44}{24} \begin{array}{c} \xrightarrow{\div 4} \\ \underline{=} \\ \xrightarrow{\div 4} \end{array} \frac{11}{6} = 1\frac{5}{6}$$

$$10. \quad \frac{14}{8} \begin{array}{c} \xrightarrow{\div 2} \\ \underline{=} \\ \xrightarrow{\div 2} \end{array} \frac{7}{4} = 1\frac{3}{4}$$

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

## 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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



## Simplifying Improper Fractions (E)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## Simplifying Improper Fractions (E) Answers

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## Simplifying Improper Fractions (F)

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

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

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

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

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

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

2.  $\frac{44}{32} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

3.  $\frac{42}{27} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

4.  $\frac{162}{63} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

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

6.  $\frac{99}{54} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

16.  $\frac{60}{54} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

7.  $\frac{8}{6} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

18.  $\frac{70}{25} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

9.  $\frac{64}{24} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

10.  $\frac{35}{25} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

20.  $\frac{70}{49} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

## Simplifying Improper Fractions (F) Answers

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

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

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

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

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

$$11. \quad \frac{21}{9} \begin{array}{c} \xrightarrow{\div 3} \\ \underline{=} \\ \xrightarrow{\div 3} \end{array} \frac{7}{3} = 2\frac{1}{3}$$

$$2. \quad \frac{44}{32} \begin{array}{c} \xrightarrow{\div 4} \\ \underline{=} \\ \xrightarrow{\div 4} \end{array} \frac{11}{8} = 1\frac{3}{8}$$

$$12. \quad \frac{88}{32} \begin{array}{c} \xrightarrow{\div 8} \\ \underline{=} \\ \xrightarrow{\div 8} \end{array} \frac{11}{4} = 2\frac{3}{4}$$

$$3. \quad \frac{42}{27} \begin{array}{c} \xrightarrow{\div 3} \\ \underline{=} \\ \xrightarrow{\div 3} \end{array} \frac{14}{9} = 1\frac{5}{9}$$

$$13. \quad \frac{147}{56} \begin{array}{c} \xrightarrow{\div 7} \\ \underline{=} \\ \xrightarrow{\div 7} \end{array} \frac{21}{8} = 2\frac{5}{8}$$

$$4. \quad \frac{162}{63} \begin{array}{c} \xrightarrow{\div 9} \\ \underline{=} \\ \xrightarrow{\div 9} \end{array} \frac{18}{7} = 2\frac{4}{7}$$

$$14. \quad \frac{36}{16} \begin{array}{c} \xrightarrow{\div 4} \\ \underline{=} \\ \xrightarrow{\div 4} \end{array} \frac{9}{4} = 2\frac{1}{4}$$

$$5. \quad \frac{27}{24} \begin{array}{c} \xrightarrow{\div 3} \\ \underline{=} \\ \xrightarrow{\div 3} \end{array} \frac{9}{8} = 1\frac{1}{8}$$

$$15. \quad \frac{40}{25} \begin{array}{c} \xrightarrow{\div 5} \\ \underline{=} \\ \xrightarrow{\div 5} \end{array} \frac{8}{5} = 1\frac{3}{5}$$

$$6. \quad \frac{99}{54} \begin{array}{c} \xrightarrow{\div 9} \\ \underline{=} \\ \xrightarrow{\div 9} \end{array} \frac{11}{6} = 1\frac{5}{6}$$

$$16. \quad \frac{60}{54} \begin{array}{c} \xrightarrow{\div 6} \\ \underline{=} \\ \xrightarrow{\div 6} \end{array} \frac{10}{9} = 1\frac{1}{9}$$

$$7. \quad \frac{8}{6} \begin{array}{c} \xrightarrow{\div 2} \\ \underline{=} \\ \xrightarrow{\div 2} \end{array} \frac{4}{3} = 1\frac{1}{3}$$

$$17. \quad \frac{52}{24} \begin{array}{c} \xrightarrow{\div 4} \\ \underline{=} \\ \xrightarrow{\div 4} \end{array} \frac{13}{6} = 2\frac{1}{6}$$

$$8. \quad \frac{20}{14} \begin{array}{c} \xrightarrow{\div 2} \\ \underline{=} \\ \xrightarrow{\div 2} \end{array} \frac{10}{7} = 1\frac{3}{7}$$

$$18. \quad \frac{70}{25} \begin{array}{c} \xrightarrow{\div 5} \\ \underline{=} \\ \xrightarrow{\div 5} \end{array} \frac{14}{5} = 2\frac{4}{5}$$

$$9. \quad \frac{64}{24} \begin{array}{c} \xrightarrow{\div 8} \\ \underline{=} \\ \xrightarrow{\div 8} \end{array} \frac{8}{3} = 2\frac{2}{3}$$

$$19. \quad \frac{14}{12} \begin{array}{c} \xrightarrow{\div 2} \\ \underline{=} \\ \xrightarrow{\div 2} \end{array} \frac{7}{6} = 1\frac{1}{6}$$

$$10. \quad \frac{35}{25} \begin{array}{c} \xrightarrow{\div 5} \\ \underline{=} \\ \xrightarrow{\div 5} \end{array} \frac{7}{5} = 1\frac{2}{5}$$

$$20. \quad \frac{70}{49} \begin{array}{c} \xrightarrow{\div 7} \\ \underline{=} \\ \xrightarrow{\div 7} \end{array} \frac{10}{7} = 1\frac{3}{7}$$

## 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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## Simplifying Improper Fractions (H)

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

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

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

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

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

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

2.  $\frac{63}{28} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

12.  $\frac{72}{64} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

13.  $\frac{85}{45} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4.  $\frac{100}{36} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

14.  $\frac{72}{27} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

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

16.  $\frac{65}{30} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

7.  $\frac{26}{10} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

17.  $\frac{54}{21} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

8.  $\frac{120}{64} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

18.  $\frac{30}{14} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

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

20.  $\frac{42}{15} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

## Simplifying Improper Fractions (H) Answers

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

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

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

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

$$1. \quad \frac{44}{16} \begin{array}{c} \xrightarrow{\div 4} \\ \hline \\ \xrightarrow{\div 4} \end{array} \frac{11}{4} = 2\frac{3}{4}$$

$$11. \quad \frac{42}{36} \begin{array}{c} \xrightarrow{\div 6} \\ \hline \\ \xrightarrow{\div 6} \end{array} \frac{7}{6} = 1\frac{1}{6}$$

$$2. \quad \frac{63}{28} \begin{array}{c} \xrightarrow{\div 7} \\ \hline \\ \xrightarrow{\div 7} \end{array} \frac{9}{4} = 2\frac{1}{4}$$

$$12. \quad \frac{72}{64} \begin{array}{c} \xrightarrow{\div 8} \\ \hline \\ \xrightarrow{\div 8} \end{array} \frac{9}{8} = 1\frac{1}{8}$$

$$3. \quad \frac{24}{18} \begin{array}{c} \xrightarrow{\div 6} \\ \hline \\ \xrightarrow{\div 6} \end{array} \frac{4}{3} = 1\frac{1}{3}$$

$$13. \quad \frac{85}{45} \begin{array}{c} \xrightarrow{\div 5} \\ \hline \\ \xrightarrow{\div 5} \end{array} \frac{17}{9} = 1\frac{8}{9}$$

$$4. \quad \frac{100}{36} \begin{array}{c} \xrightarrow{\div 4} \\ \hline \\ \xrightarrow{\div 4} \end{array} \frac{25}{9} = 2\frac{7}{9}$$

$$14. \quad \frac{72}{27} \begin{array}{c} \xrightarrow{\div 9} \\ \hline \\ \xrightarrow{\div 9} \end{array} \frac{8}{3} = 2\frac{2}{3}$$

$$5. \quad \frac{36}{20} \begin{array}{c} \xrightarrow{\div 4} \\ \hline \\ \xrightarrow{\div 4} \end{array} \frac{9}{5} = 1\frac{4}{5}$$

$$15. \quad \frac{81}{36} \begin{array}{c} \xrightarrow{\div 9} \\ \hline \\ \xrightarrow{\div 9} \end{array} \frac{9}{4} = 2\frac{1}{4}$$

$$6. \quad \frac{35}{21} \begin{array}{c} \xrightarrow{\div 7} \\ \hline \\ \xrightarrow{\div 7} \end{array} \frac{5}{3} = 1\frac{2}{3}$$

$$16. \quad \frac{65}{30} \begin{array}{c} \xrightarrow{\div 5} \\ \hline \\ \xrightarrow{\div 5} \end{array} \frac{13}{6} = 2\frac{1}{6}$$

$$7. \quad \frac{26}{10} \begin{array}{c} \xrightarrow{\div 2} \\ \hline \\ \xrightarrow{\div 2} \end{array} \frac{13}{5} = 2\frac{3}{5}$$

$$17. \quad \frac{54}{21} \begin{array}{c} \xrightarrow{\div 3} \\ \hline \\ \xrightarrow{\div 3} \end{array} \frac{18}{7} = 2\frac{4}{7}$$

$$8. \quad \frac{120}{64} \begin{array}{c} \xrightarrow{\div 8} \\ \hline \\ \xrightarrow{\div 8} \end{array} \frac{15}{8} = 1\frac{7}{8}$$

$$18. \quad \frac{30}{14} \begin{array}{c} \xrightarrow{\div 2} \\ \hline \\ \xrightarrow{\div 2} \end{array} \frac{15}{7} = 2\frac{1}{7}$$

$$9. \quad \frac{85}{35} \begin{array}{c} \xrightarrow{\div 5} \\ \hline \\ \xrightarrow{\div 5} \end{array} \frac{17}{7} = 2\frac{3}{7}$$

$$19. \quad \frac{21}{18} \begin{array}{c} \xrightarrow{\div 3} \\ \hline \\ \xrightarrow{\div 3} \end{array} \frac{7}{6} = 1\frac{1}{6}$$

$$10. \quad \frac{46}{16} \begin{array}{c} \xrightarrow{\div 2} \\ \hline \\ \xrightarrow{\div 2} \end{array} \frac{23}{8} = 2\frac{7}{8}$$

$$20. \quad \frac{42}{15} \begin{array}{c} \xrightarrow{\div 3} \\ \hline \\ \xrightarrow{\div 3} \end{array} \frac{14}{5} = 2\frac{4}{5}$$



## Simplifying Improper Fractions (I)

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

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

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

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

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

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

2.  $\frac{42}{16} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

12.  $\frac{25}{20} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

3.  $\frac{35}{25} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

13.  $\frac{38}{16} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4.  $\frac{78}{42} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

14.  $\frac{42}{35} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

15.  $\frac{120}{64} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

6.  $\frac{20}{15} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

16.  $\frac{33}{21} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

7.  $\frac{153}{54} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

17.  $\frac{56}{36} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

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

19.  $\frac{90}{63} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

20.  $\frac{56}{20} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

## Simplifying Improper Fractions (I) Answers

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

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

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

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

$$1. \quad \frac{34}{12} \begin{array}{c} \xrightarrow{\div 2} \\ \hline \\ \xrightarrow{\div 2} \end{array} \frac{17}{6} = 2\frac{5}{6}$$

$$11. \quad \frac{36}{16} \begin{array}{c} \xrightarrow{\div 4} \\ \hline \\ \xrightarrow{\div 4} \end{array} \frac{9}{4} = 2\frac{1}{4}$$

$$2. \quad \frac{42}{16} \begin{array}{c} \xrightarrow{\div 2} \\ \hline \\ \xrightarrow{\div 2} \end{array} \frac{21}{8} = 2\frac{5}{8}$$

$$12. \quad \frac{25}{20} \begin{array}{c} \xrightarrow{\div 5} \\ \hline \\ \xrightarrow{\div 5} \end{array} \frac{5}{4} = 1\frac{1}{4}$$

$$3. \quad \frac{35}{25} \begin{array}{c} \xrightarrow{\div 5} \\ \hline \\ \xrightarrow{\div 5} \end{array} \frac{7}{5} = 1\frac{2}{5}$$

$$13. \quad \frac{38}{16} \begin{array}{c} \xrightarrow{\div 2} \\ \hline \\ \xrightarrow{\div 2} \end{array} \frac{19}{8} = 2\frac{3}{8}$$

$$4. \quad \frac{78}{42} \begin{array}{c} \xrightarrow{\div 6} \\ \hline \\ \xrightarrow{\div 6} \end{array} \frac{13}{7} = 1\frac{6}{7}$$

$$14. \quad \frac{42}{35} \begin{array}{c} \xrightarrow{\div 7} \\ \hline \\ \xrightarrow{\div 7} \end{array} \frac{6}{5} = 1\frac{1}{5}$$

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

$$15. \quad \frac{120}{64} \begin{array}{c} \xrightarrow{\div 8} \\ \hline \\ \xrightarrow{\div 8} \end{array} \frac{15}{8} = 1\frac{7}{8}$$

$$6. \quad \frac{20}{15} \begin{array}{c} \xrightarrow{\div 5} \\ \hline \\ \xrightarrow{\div 5} \end{array} \frac{4}{3} = 1\frac{1}{3}$$

$$16. \quad \frac{33}{21} \begin{array}{c} \xrightarrow{\div 3} \\ \hline \\ \xrightarrow{\div 3} \end{array} \frac{11}{7} = 1\frac{4}{7}$$

$$7. \quad \frac{153}{54} \begin{array}{c} \xrightarrow{\div 9} \\ \hline \\ \xrightarrow{\div 9} \end{array} \frac{17}{6} = 2\frac{5}{6}$$

$$17. \quad \frac{56}{36} \begin{array}{c} \xrightarrow{\div 4} \\ \hline \\ \xrightarrow{\div 4} \end{array} \frac{14}{9} = 1\frac{5}{9}$$

$$8. \quad \frac{84}{54} \begin{array}{c} \xrightarrow{\div 6} \\ \hline \\ \xrightarrow{\div 6} \end{array} \frac{14}{9} = 1\frac{5}{9}$$

$$18. \quad \frac{21}{9} \begin{array}{c} \xrightarrow{\div 3} \\ \hline \\ \xrightarrow{\div 3} \end{array} \frac{7}{3} = 2\frac{1}{3}$$

$$9. \quad \frac{88}{48} \begin{array}{c} \xrightarrow{\div 8} \\ \hline \\ \xrightarrow{\div 8} \end{array} \frac{11}{6} = 1\frac{5}{6}$$

$$19. \quad \frac{90}{63} \begin{array}{c} \xrightarrow{\div 9} \\ \hline \\ \xrightarrow{\div 9} \end{array} \frac{10}{7} = 1\frac{3}{7}$$

$$10. \quad \frac{35}{21} \begin{array}{c} \xrightarrow{\div 7} \\ \hline \\ \xrightarrow{\div 7} \end{array} \frac{5}{3} = 1\frac{2}{3}$$

$$20. \quad \frac{56}{20} \begin{array}{c} \xrightarrow{\div 4} \\ \hline \\ \xrightarrow{\div 4} \end{array} \frac{14}{5} = 2\frac{4}{5}$$

## Simplifying Improper Fractions (J)

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

2.  $\frac{49}{42} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

12.  $\frac{102}{36} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

3.  $\frac{200}{72} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

13.  $\frac{108}{63} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

14.  $\frac{35}{25} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

5.  $\frac{28}{20} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

6.  $\frac{84}{49} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

16.  $\frac{20}{15} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

7.  $\frac{69}{27} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

17.  $\frac{45}{20} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

8.  $\frac{104}{56} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

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

10.  $\frac{38}{16} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

## Simplifying Improper Fractions (J) Answers

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

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

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

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

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

$$11. \quad \frac{68}{24} \begin{array}{c} \xrightarrow{\div 4} \\ \hline \\ \xrightarrow{\div 4} \end{array} \frac{17}{6} = 2\frac{5}{6}$$

$$2. \quad \frac{49}{42} \begin{array}{c} \xrightarrow{\div 7} \\ \hline \\ \xrightarrow{\div 7} \end{array} \frac{7}{6} = 1\frac{1}{6}$$

$$12. \quad \frac{102}{36} \begin{array}{c} \xrightarrow{\div 6} \\ \hline \\ \xrightarrow{\div 6} \end{array} \frac{17}{6} = 2\frac{5}{6}$$

$$3. \quad \frac{200}{72} \begin{array}{c} \xrightarrow{\div 8} \\ \hline \\ \xrightarrow{\div 8} \end{array} \frac{25}{9} = 2\frac{7}{9}$$

$$13. \quad \frac{108}{63} \begin{array}{c} \xrightarrow{\div 9} \\ \hline \\ \xrightarrow{\div 9} \end{array} \frac{12}{7} = 1\frac{5}{7}$$

$$4. \quad \frac{48}{18} \begin{array}{c} \xrightarrow{\div 6} \\ \hline \\ \xrightarrow{\div 6} \end{array} \frac{8}{3} = 2\frac{2}{3}$$

$$14. \quad \frac{35}{25} \begin{array}{c} \xrightarrow{\div 5} \\ \hline \\ \xrightarrow{\div 5} \end{array} \frac{7}{5} = 1\frac{2}{5}$$

$$5. \quad \frac{28}{20} \begin{array}{c} \xrightarrow{\div 4} \\ \hline \\ \xrightarrow{\div 4} \end{array} \frac{7}{5} = 1\frac{2}{5}$$

$$15. \quad \frac{27}{12} \begin{array}{c} \xrightarrow{\div 3} \\ \hline \\ \xrightarrow{\div 3} \end{array} \frac{9}{4} = 2\frac{1}{4}$$

$$6. \quad \frac{84}{49} \begin{array}{c} \xrightarrow{\div 7} \\ \hline \\ \xrightarrow{\div 7} \end{array} \frac{12}{7} = 1\frac{5}{7}$$

$$16. \quad \frac{20}{15} \begin{array}{c} \xrightarrow{\div 5} \\ \hline \\ \xrightarrow{\div 5} \end{array} \frac{4}{3} = 1\frac{1}{3}$$

$$7. \quad \frac{69}{27} \begin{array}{c} \xrightarrow{\div 3} \\ \hline \\ \xrightarrow{\div 3} \end{array} \frac{23}{9} = 2\frac{5}{9}$$

$$17. \quad \frac{45}{20} \begin{array}{c} \xrightarrow{\div 5} \\ \hline \\ \xrightarrow{\div 5} \end{array} \frac{9}{4} = 2\frac{1}{4}$$

$$8. \quad \frac{104}{56} \begin{array}{c} \xrightarrow{\div 8} \\ \hline \\ \xrightarrow{\div 8} \end{array} \frac{13}{7} = 1\frac{6}{7}$$

$$18. \quad \frac{24}{9} \begin{array}{c} \xrightarrow{\div 3} \\ \hline \\ \xrightarrow{\div 3} \end{array} \frac{8}{3} = 2\frac{2}{3}$$

$$9. \quad \frac{12}{10} \begin{array}{c} \xrightarrow{\div 2} \\ \hline \\ \xrightarrow{\div 2} \end{array} \frac{6}{5} = 1\frac{1}{5}$$

$$19. \quad \frac{84}{32} \begin{array}{c} \xrightarrow{\div 4} \\ \hline \\ \xrightarrow{\div 4} \end{array} \frac{21}{8} = 2\frac{5}{8}$$

$$10. \quad \frac{38}{16} \begin{array}{c} \xrightarrow{\div 2} \\ \hline \\ \xrightarrow{\div 2} \end{array} \frac{19}{8} = 2\frac{3}{8}$$

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