

## Simplification des fractions impropres (A)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Simplifiez chaque fraction à ses termes les plus bas ; puis changez la fraction en un nombre fractionnaire.

1.  $\frac{472}{96} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

11.  $\frac{294}{35} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

2.  $\frac{248}{40} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

12.  $\frac{77}{49} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

3.  $\frac{190}{25} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

13.  $\frac{171}{27} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4.  $\frac{210}{48} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

14.  $\frac{104}{32} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

5.  $\frac{90}{48} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

15.  $\frac{693}{81} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

16.  $\frac{558}{135} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

17.  $\frac{147}{70} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

8.  $\frac{306}{45} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

18.  $\frac{333}{54} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

9.  $\frac{203}{56} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

19.  $\frac{637}{77} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

10.  $\frac{328}{64} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

20.  $\frac{282}{36} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

## Simplification des fractions impropres (A) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Simplifiez chaque fraction à ses termes les plus bas ; puis changez la fraction en un nombre fractionnaire.

$$1. \quad \frac{472}{96} \begin{matrix} \xrightarrow{\div 8} \\ \xleftarrow{\div 8} \end{matrix} \frac{59}{12} = 4\frac{11}{12}$$

$$11. \quad \frac{294}{35} \begin{matrix} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{matrix} \frac{42}{5} = 8\frac{2}{5}$$

$$2. \quad \frac{248}{40} \begin{matrix} \xrightarrow{\div 8} \\ \xleftarrow{\div 8} \end{matrix} \frac{31}{5} = 6\frac{1}{5}$$

$$12. \quad \frac{77}{49} \begin{matrix} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{matrix} \frac{11}{7} = 1\frac{4}{7}$$

$$3. \quad \frac{190}{25} \begin{matrix} \xrightarrow{\div 5} \\ \xleftarrow{\div 5} \end{matrix} \frac{38}{5} = 7\frac{3}{5}$$

$$13. \quad \frac{171}{27} \begin{matrix} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{matrix} \frac{19}{3} = 6\frac{1}{3}$$

$$4. \quad \frac{210}{48} \begin{matrix} \xrightarrow{\div 6} \\ \xleftarrow{\div 6} \end{matrix} \frac{35}{8} = 4\frac{3}{8}$$

$$14. \quad \frac{104}{32} \begin{matrix} \xrightarrow{\div 8} \\ \xleftarrow{\div 8} \end{matrix} \frac{13}{4} = 3\frac{1}{4}$$

$$5. \quad \frac{90}{48} \begin{matrix} \xrightarrow{\div 6} \\ \xleftarrow{\div 6} \end{matrix} \frac{15}{8} = 1\frac{7}{8}$$

$$15. \quad \frac{693}{81} \begin{matrix} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{matrix} \frac{77}{9} = 8\frac{5}{9}$$

$$6. \quad \frac{102}{12} \begin{matrix} \xrightarrow{\div 6} \\ \xleftarrow{\div 6} \end{matrix} \frac{17}{2} = 8\frac{1}{2}$$

$$16. \quad \frac{558}{135} \begin{matrix} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{matrix} \frac{62}{15} = 4\frac{2}{15}$$

$$7. \quad \frac{77}{28} \begin{matrix} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{matrix} \frac{11}{4} = 2\frac{3}{4}$$

$$17. \quad \frac{147}{70} \begin{matrix} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{matrix} \frac{21}{10} = 2\frac{1}{10}$$

$$8. \quad \frac{306}{45} \begin{matrix} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{matrix} \frac{34}{5} = 6\frac{4}{5}$$

$$18. \quad \frac{333}{54} \begin{matrix} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{matrix} \frac{37}{6} = 6\frac{1}{6}$$

$$9. \quad \frac{203}{56} \begin{matrix} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{matrix} \frac{29}{8} = 3\frac{5}{8}$$

$$19. \quad \frac{637}{77} \begin{matrix} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{matrix} \frac{91}{11} = 8\frac{3}{11}$$

$$10. \quad \frac{328}{64} \begin{matrix} \xrightarrow{\div 8} \\ \xleftarrow{\div 8} \end{matrix} \frac{41}{8} = 5\frac{1}{8}$$

$$20. \quad \frac{282}{36} \begin{matrix} \xrightarrow{\div 6} \\ \xleftarrow{\div 6} \end{matrix} \frac{47}{6} = 7\frac{5}{6}$$

## Simplification des fractions impropres (B)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Simplifiez chaque fraction à ses termes les plus bas ; puis changez la fraction en un nombre fractionnaire.

1.  $\frac{133}{14} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

11.  $\frac{360}{64} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

12.  $\frac{50}{15} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

3.  $\frac{81}{45} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

13.  $\frac{77}{56} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4.  $\frac{180}{81} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

14.  $\frac{175}{60} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

5.  $\frac{432}{45} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

15.  $\frac{189}{28} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

6.  $\frac{185}{55} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

16.  $\frac{427}{49} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

7.  $\frac{215}{30} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

17.  $\frac{333}{45} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

8.  $\frac{296}{32} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

18.  $\frac{174}{36} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

9.  $\frac{145}{50} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

19.  $\frac{369}{45} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

10.  $\frac{1168}{120} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

20.  $\frac{282}{48} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

## Simplification des fractions impropres (B) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Simplifiez chaque fraction à ses termes les plus bas ; puis changez la fraction en un nombre fractionnaire.

$$1. \quad \frac{133}{14} \begin{array}{c} \xrightarrow{\div 7} \\ = \\ \xrightarrow{\div 7} \end{array} \frac{19}{2} = 9\frac{1}{2}$$

$$11. \quad \frac{360}{64} \begin{array}{c} \xrightarrow{\div 8} \\ = \\ \xrightarrow{\div 8} \end{array} \frac{45}{8} = 5\frac{5}{8}$$

$$2. \quad \frac{72}{64} \begin{array}{c} \xrightarrow{\div 8} \\ = \\ \xrightarrow{\div 8} \end{array} \frac{9}{8} = 1\frac{1}{8}$$

$$12. \quad \frac{50}{15} \begin{array}{c} \xrightarrow{\div 5} \\ = \\ \xrightarrow{\div 5} \end{array} \frac{10}{3} = 3\frac{1}{3}$$

$$3. \quad \frac{81}{45} \begin{array}{c} \xrightarrow{\div 9} \\ = \\ \xrightarrow{\div 9} \end{array} \frac{9}{5} = 1\frac{4}{5}$$

$$13. \quad \frac{77}{56} \begin{array}{c} \xrightarrow{\div 7} \\ = \\ \xrightarrow{\div 7} \end{array} \frac{11}{8} = 1\frac{3}{8}$$

$$4. \quad \frac{180}{81} \begin{array}{c} \xrightarrow{\div 9} \\ = \\ \xrightarrow{\div 9} \end{array} \frac{20}{9} = 2\frac{2}{9}$$

$$14. \quad \frac{175}{60} \begin{array}{c} \xrightarrow{\div 5} \\ = \\ \xrightarrow{\div 5} \end{array} \frac{35}{12} = 2\frac{11}{12}$$

$$5. \quad \frac{432}{45} \begin{array}{c} \xrightarrow{\div 9} \\ = \\ \xrightarrow{\div 9} \end{array} \frac{48}{5} = 9\frac{3}{5}$$

$$15. \quad \frac{189}{28} \begin{array}{c} \xrightarrow{\div 7} \\ = \\ \xrightarrow{\div 7} \end{array} \frac{27}{4} = 6\frac{3}{4}$$

$$6. \quad \frac{185}{55} \begin{array}{c} \xrightarrow{\div 5} \\ = \\ \xrightarrow{\div 5} \end{array} \frac{37}{11} = 3\frac{4}{11}$$

$$16. \quad \frac{427}{49} \begin{array}{c} \xrightarrow{\div 7} \\ = \\ \xrightarrow{\div 7} \end{array} \frac{61}{7} = 8\frac{5}{7}$$

$$7. \quad \frac{215}{30} \begin{array}{c} \xrightarrow{\div 5} \\ = \\ \xrightarrow{\div 5} \end{array} \frac{43}{6} = 7\frac{1}{6}$$

$$17. \quad \frac{333}{45} \begin{array}{c} \xrightarrow{\div 9} \\ = \\ \xrightarrow{\div 9} \end{array} \frac{37}{5} = 7\frac{2}{5}$$

$$8. \quad \frac{296}{32} \begin{array}{c} \xrightarrow{\div 8} \\ = \\ \xrightarrow{\div 8} \end{array} \frac{37}{4} = 9\frac{1}{4}$$

$$18. \quad \frac{174}{36} \begin{array}{c} \xrightarrow{\div 6} \\ = \\ \xrightarrow{\div 6} \end{array} \frac{29}{6} = 4\frac{5}{6}$$

$$9. \quad \frac{145}{50} \begin{array}{c} \xrightarrow{\div 5} \\ = \\ \xrightarrow{\div 5} \end{array} \frac{29}{10} = 2\frac{9}{10}$$

$$19. \quad \frac{369}{45} \begin{array}{c} \xrightarrow{\div 9} \\ = \\ \xrightarrow{\div 9} \end{array} \frac{41}{5} = 8\frac{1}{5}$$

$$10. \quad \frac{1168}{120} \begin{array}{c} \xrightarrow{\div 8} \\ = \\ \xrightarrow{\div 8} \end{array} \frac{146}{15} = 9\frac{11}{15}$$

$$20. \quad \frac{282}{48} \begin{array}{c} \xrightarrow{\div 6} \\ = \\ \xrightarrow{\div 6} \end{array} \frac{47}{8} = 5\frac{7}{8}$$

## Simplification des fractions impropres (C)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Simplifiez chaque fraction à ses termes les plus bas ; puis changez la fraction en un nombre fractionnaire.

1.  $\frac{192}{40} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

11.  $\frac{165}{40} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

2.  $\frac{112}{63} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

12.  $\frac{329}{35} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

3.  $\frac{336}{49} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

13.  $\frac{174}{24} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4.  $\frac{664}{80} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

14.  $\frac{35}{30} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

5.  $\frac{155}{60} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

15.  $\frac{215}{25} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

6.  $\frac{96}{18} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

16.  $\frac{763}{77} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

7.  $\frac{450}{48} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

17.  $\frac{328}{40} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

8.  $\frac{531}{54} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

9.  $\frac{434}{105} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

19.  $\frac{95}{20} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

10.  $\frac{42}{12} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

20.  $\frac{91}{56} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

## Simplification des fractions impropres (C) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Simplifiez chaque fraction à ses termes les plus bas ; puis changez la fraction en un nombre fractionnaire.

$$1. \quad \frac{192}{40} \begin{array}{c} \xrightarrow{\div 8} \\ \xleftarrow{\div 8} \end{array} \frac{24}{5} = 4\frac{4}{5}$$

$$11. \quad \frac{165}{40} \begin{array}{c} \xrightarrow{\div 5} \\ \xleftarrow{\div 5} \end{array} \frac{33}{8} = 4\frac{1}{8}$$

$$2. \quad \frac{112}{63} \begin{array}{c} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{array} \frac{16}{9} = 1\frac{7}{9}$$

$$12. \quad \frac{329}{35} \begin{array}{c} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{array} \frac{47}{5} = 9\frac{2}{5}$$

$$3. \quad \frac{336}{49} \begin{array}{c} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{array} \frac{48}{7} = 6\frac{6}{7}$$

$$13. \quad \frac{174}{24} \begin{array}{c} \xrightarrow{\div 6} \\ \xleftarrow{\div 6} \end{array} \frac{29}{4} = 7\frac{1}{4}$$

$$4. \quad \frac{664}{80} \begin{array}{c} \xrightarrow{\div 8} \\ \xleftarrow{\div 8} \end{array} \frac{83}{10} = 8\frac{3}{10}$$

$$14. \quad \frac{35}{30} \begin{array}{c} \xrightarrow{\div 5} \\ \xleftarrow{\div 5} \end{array} \frac{7}{6} = 1\frac{1}{6}$$

$$5. \quad \frac{155}{60} \begin{array}{c} \xrightarrow{\div 5} \\ \xleftarrow{\div 5} \end{array} \frac{31}{12} = 2\frac{7}{12}$$

$$15. \quad \frac{215}{25} \begin{array}{c} \xrightarrow{\div 5} \\ \xleftarrow{\div 5} \end{array} \frac{43}{5} = 8\frac{3}{5}$$

$$6. \quad \frac{96}{18} \begin{array}{c} \xrightarrow{\div 6} \\ \xleftarrow{\div 6} \end{array} \frac{16}{3} = 5\frac{1}{3}$$

$$16. \quad \frac{763}{77} \begin{array}{c} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{array} \frac{109}{11} = 9\frac{10}{11}$$

$$7. \quad \frac{450}{48} \begin{array}{c} \xrightarrow{\div 6} \\ \xleftarrow{\div 6} \end{array} \frac{75}{8} = 9\frac{3}{8}$$

$$17. \quad \frac{328}{40} \begin{array}{c} \xrightarrow{\div 8} \\ \xleftarrow{\div 8} \end{array} \frac{41}{5} = 8\frac{1}{5}$$

$$8. \quad \frac{531}{54} \begin{array}{c} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{array} \frac{59}{6} = 9\frac{5}{6}$$

$$18. \quad \frac{115}{40} \begin{array}{c} \xrightarrow{\div 5} \\ \xleftarrow{\div 5} \end{array} \frac{23}{8} = 2\frac{7}{8}$$

$$9. \quad \frac{434}{105} \begin{array}{c} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{array} \frac{62}{15} = 4\frac{2}{15}$$

$$19. \quad \frac{95}{20} \begin{array}{c} \xrightarrow{\div 5} \\ \xleftarrow{\div 5} \end{array} \frac{19}{4} = 4\frac{3}{4}$$

$$10. \quad \frac{42}{12} \begin{array}{c} \xrightarrow{\div 6} \\ \xleftarrow{\div 6} \end{array} \frac{7}{2} = 3\frac{1}{2}$$

$$20. \quad \frac{91}{56} \begin{array}{c} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{array} \frac{13}{8} = 1\frac{5}{8}$$

## Simplification des fractions impropres (D)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Simplifiez chaque fraction à ses termes les plus bas ; puis changez la fraction en un nombre fractionnaire.

1.  $\frac{392}{48} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

11.  $\frac{294}{90} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

2.  $\frac{423}{63} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

12.  $\frac{400}{45} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

3.  $\frac{308}{35} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

13.  $\frac{387}{108} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4.  $\frac{305}{40} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

14.  $\frac{568}{80} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

5.  $\frac{344}{40} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

15.  $\frac{198}{27} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

6.  $\frac{104}{16} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

16.  $\frac{265}{30} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

7.  $\frac{156}{30} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

17.  $\frac{513}{72} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

8.  $\frac{312}{32} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

18.  $\frac{336}{40} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

9.  $\frac{135}{40} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

19.  $\frac{312}{64} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

10.  $\frac{35}{28} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

20.  $\frac{312}{88} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

## Simplification des fractions impropres (D) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Simplifiez chaque fraction à ses termes les plus bas ; puis changez la fraction en un nombre fractionnaire.

$$1. \quad \frac{392}{48} \begin{array}{c} \xrightarrow{\div 8} \\ = \\ \xrightarrow{\div 8} \end{array} \frac{49}{6} = 8\frac{1}{6}$$

$$11. \quad \frac{294}{90} \begin{array}{c} \xrightarrow{\div 6} \\ = \\ \xrightarrow{\div 6} \end{array} \frac{49}{15} = 3\frac{4}{15}$$

$$2. \quad \frac{423}{63} \begin{array}{c} \xrightarrow{\div 9} \\ = \\ \xrightarrow{\div 9} \end{array} \frac{47}{7} = 6\frac{5}{7}$$

$$12. \quad \frac{400}{45} \begin{array}{c} \xrightarrow{\div 5} \\ = \\ \xrightarrow{\div 5} \end{array} \frac{80}{9} = 8\frac{8}{9}$$

$$3. \quad \frac{308}{35} \begin{array}{c} \xrightarrow{\div 7} \\ = \\ \xrightarrow{\div 7} \end{array} \frac{44}{5} = 8\frac{4}{5}$$

$$13. \quad \frac{387}{108} \begin{array}{c} \xrightarrow{\div 9} \\ = \\ \xrightarrow{\div 9} \end{array} \frac{43}{12} = 3\frac{7}{12}$$

$$4. \quad \frac{305}{40} \begin{array}{c} \xrightarrow{\div 5} \\ = \\ \xrightarrow{\div 5} \end{array} \frac{61}{8} = 7\frac{5}{8}$$

$$14. \quad \frac{568}{80} \begin{array}{c} \xrightarrow{\div 8} \\ = \\ \xrightarrow{\div 8} \end{array} \frac{71}{10} = 7\frac{1}{10}$$

$$5. \quad \frac{344}{40} \begin{array}{c} \xrightarrow{\div 8} \\ = \\ \xrightarrow{\div 8} \end{array} \frac{43}{5} = 8\frac{3}{5}$$

$$15. \quad \frac{198}{27} \begin{array}{c} \xrightarrow{\div 9} \\ = \\ \xrightarrow{\div 9} \end{array} \frac{22}{3} = 7\frac{1}{3}$$

$$6. \quad \frac{104}{16} \begin{array}{c} \xrightarrow{\div 8} \\ = \\ \xrightarrow{\div 8} \end{array} \frac{13}{2} = 6\frac{1}{2}$$

$$16. \quad \frac{265}{30} \begin{array}{c} \xrightarrow{\div 5} \\ = \\ \xrightarrow{\div 5} \end{array} \frac{53}{6} = 8\frac{5}{6}$$

$$7. \quad \frac{156}{30} \begin{array}{c} \xrightarrow{\div 6} \\ = \\ \xrightarrow{\div 6} \end{array} \frac{26}{5} = 5\frac{1}{5}$$

$$17. \quad \frac{513}{72} \begin{array}{c} \xrightarrow{\div 9} \\ = \\ \xrightarrow{\div 9} \end{array} \frac{57}{8} = 7\frac{1}{8}$$

$$8. \quad \frac{312}{32} \begin{array}{c} \xrightarrow{\div 8} \\ = \\ \xrightarrow{\div 8} \end{array} \frac{39}{4} = 9\frac{3}{4}$$

$$18. \quad \frac{336}{40} \begin{array}{c} \xrightarrow{\div 8} \\ = \\ \xrightarrow{\div 8} \end{array} \frac{42}{5} = 8\frac{2}{5}$$

$$9. \quad \frac{135}{40} \begin{array}{c} \xrightarrow{\div 5} \\ = \\ \xrightarrow{\div 5} \end{array} \frac{27}{8} = 3\frac{3}{8}$$

$$19. \quad \frac{312}{64} \begin{array}{c} \xrightarrow{\div 8} \\ = \\ \xrightarrow{\div 8} \end{array} \frac{39}{8} = 4\frac{7}{8}$$

$$10. \quad \frac{35}{28} \begin{array}{c} \xrightarrow{\div 7} \\ = \\ \xrightarrow{\div 7} \end{array} \frac{5}{4} = 1\frac{1}{4}$$

$$20. \quad \frac{312}{88} \begin{array}{c} \xrightarrow{\div 8} \\ = \\ \xrightarrow{\div 8} \end{array} \frac{39}{11} = 3\frac{6}{11}$$



## Simplification des fractions impropres (E)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Simplifiez chaque fraction à ses termes les plus bas ; puis changez la fraction en un nombre fractionnaire.

1.  $\frac{441}{45} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

11.  $\frac{600}{64} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

2.  $\frac{207}{45} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

12.  $\frac{63}{18} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

3.  $\frac{322}{105} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

13.  $\frac{171}{27} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4.  $\frac{154}{35} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

14.  $\frac{200}{48} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

5.  $\frac{423}{54} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

15.  $\frac{88}{40} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

6.  $\frac{603}{99} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

16.  $\frac{150}{42} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

7.  $\frac{105}{56} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

17.  $\frac{285}{50} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

8.  $\frac{584}{96} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

18.  $\frac{305}{45} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

9.  $\frac{125}{20} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

19.  $\frac{145}{40} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

10.  $\frac{273}{28} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

20.  $\frac{456}{64} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

## Simplification des fractions impropres (E) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Simplifiez chaque fraction à ses termes les plus bas ; puis changez la fraction en un nombre fractionnaire.

$$1. \quad \frac{441}{45} \begin{array}{c} \xrightarrow{\div 9} \\ = \\ \xrightarrow{\div 9} \end{array} \frac{49}{5} = 9\frac{4}{5}$$

$$11. \quad \frac{600}{64} \begin{array}{c} \xrightarrow{\div 8} \\ = \\ \xrightarrow{\div 8} \end{array} \frac{75}{8} = 9\frac{3}{8}$$

$$2. \quad \frac{207}{45} \begin{array}{c} \xrightarrow{\div 9} \\ = \\ \xrightarrow{\div 9} \end{array} \frac{23}{5} = 4\frac{3}{5}$$

$$12. \quad \frac{63}{18} \begin{array}{c} \xrightarrow{\div 9} \\ = \\ \xrightarrow{\div 9} \end{array} \frac{7}{2} = 3\frac{1}{2}$$

$$3. \quad \frac{322}{105} \begin{array}{c} \xrightarrow{\div 7} \\ = \\ \xrightarrow{\div 7} \end{array} \frac{46}{15} = 3\frac{1}{15}$$

$$13. \quad \frac{171}{27} \begin{array}{c} \xrightarrow{\div 9} \\ = \\ \xrightarrow{\div 9} \end{array} \frac{19}{3} = 6\frac{1}{3}$$

$$4. \quad \frac{154}{35} \begin{array}{c} \xrightarrow{\div 7} \\ = \\ \xrightarrow{\div 7} \end{array} \frac{22}{5} = 4\frac{2}{5}$$

$$14. \quad \frac{200}{48} \begin{array}{c} \xrightarrow{\div 8} \\ = \\ \xrightarrow{\div 8} \end{array} \frac{25}{6} = 4\frac{1}{6}$$

$$5. \quad \frac{423}{54} \begin{array}{c} \xrightarrow{\div 9} \\ = \\ \xrightarrow{\div 9} \end{array} \frac{47}{6} = 7\frac{5}{6}$$

$$15. \quad \frac{88}{40} \begin{array}{c} \xrightarrow{\div 8} \\ = \\ \xrightarrow{\div 8} \end{array} \frac{11}{5} = 2\frac{1}{5}$$

$$6. \quad \frac{603}{99} \begin{array}{c} \xrightarrow{\div 9} \\ = \\ \xrightarrow{\div 9} \end{array} \frac{67}{11} = 6\frac{1}{11}$$

$$16. \quad \frac{150}{42} \begin{array}{c} \xrightarrow{\div 6} \\ = \\ \xrightarrow{\div 6} \end{array} \frac{25}{7} = 3\frac{4}{7}$$

$$7. \quad \frac{105}{56} \begin{array}{c} \xrightarrow{\div 7} \\ = \\ \xrightarrow{\div 7} \end{array} \frac{15}{8} = 1\frac{7}{8}$$

$$17. \quad \frac{285}{50} \begin{array}{c} \xrightarrow{\div 5} \\ = \\ \xrightarrow{\div 5} \end{array} \frac{57}{10} = 5\frac{7}{10}$$

$$8. \quad \frac{584}{96} \begin{array}{c} \xrightarrow{\div 8} \\ = \\ \xrightarrow{\div 8} \end{array} \frac{73}{12} = 6\frac{1}{12}$$

$$18. \quad \frac{305}{45} \begin{array}{c} \xrightarrow{\div 5} \\ = \\ \xrightarrow{\div 5} \end{array} \frac{61}{9} = 6\frac{7}{9}$$

$$9. \quad \frac{125}{20} \begin{array}{c} \xrightarrow{\div 5} \\ = \\ \xrightarrow{\div 5} \end{array} \frac{25}{4} = 6\frac{1}{4}$$

$$19. \quad \frac{145}{40} \begin{array}{c} \xrightarrow{\div 5} \\ = \\ \xrightarrow{\div 5} \end{array} \frac{29}{8} = 3\frac{5}{8}$$

$$10. \quad \frac{273}{28} \begin{array}{c} \xrightarrow{\div 7} \\ = \\ \xrightarrow{\div 7} \end{array} \frac{39}{4} = 9\frac{3}{4}$$

$$20. \quad \frac{456}{64} \begin{array}{c} \xrightarrow{\div 8} \\ = \\ \xrightarrow{\div 8} \end{array} \frac{57}{8} = 7\frac{1}{8}$$

## Simplification des fractions impropres (F)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Simplifiez chaque fraction à ses termes les plus bas ; puis changez la fraction en un nombre fractionnaire.

1.  $\frac{329}{42} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

11.  $\frac{738}{99} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

2.  $\frac{399}{56} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

12.  $\frac{333}{108} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

3.  $\frac{252}{35} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

13.  $\frac{402}{90} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4.  $\frac{80}{24} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

14.  $\frac{405}{72} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

5.  $\frac{217}{56} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

15.  $\frac{176}{40} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

6.  $\frac{138}{30} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

16.  $\frac{330}{42} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

7.  $\frac{216}{64} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

8.  $\frac{245}{30} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

19.  $\frac{666}{81} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

10.  $\frac{351}{45} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

20.  $\frac{328}{80} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

## Simplification des fractions impropres (F) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Simplifiez chaque fraction à ses termes les plus bas ; puis changez la fraction en un nombre fractionnaire.

$$1. \quad \frac{329}{42} \begin{matrix} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{matrix} \frac{47}{6} = 7\frac{5}{6}$$

$$11. \quad \frac{738}{99} \begin{matrix} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{matrix} \frac{82}{11} = 7\frac{5}{11}$$

$$2. \quad \frac{399}{56} \begin{matrix} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{matrix} \frac{57}{8} = 7\frac{1}{8}$$

$$12. \quad \frac{333}{108} \begin{matrix} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{matrix} \frac{37}{12} = 3\frac{1}{12}$$

$$3. \quad \frac{252}{35} \begin{matrix} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{matrix} \frac{36}{5} = 7\frac{1}{5}$$

$$13. \quad \frac{402}{90} \begin{matrix} \xrightarrow{\div 6} \\ \xleftarrow{\div 6} \end{matrix} \frac{67}{15} = 4\frac{7}{15}$$

$$4. \quad \frac{80}{24} \begin{matrix} \xrightarrow{\div 8} \\ \xleftarrow{\div 8} \end{matrix} \frac{10}{3} = 3\frac{1}{3}$$

$$14. \quad \frac{405}{72} \begin{matrix} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{matrix} \frac{45}{8} = 5\frac{5}{8}$$

$$5. \quad \frac{217}{56} \begin{matrix} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{matrix} \frac{31}{8} = 3\frac{7}{8}$$

$$15. \quad \frac{176}{40} \begin{matrix} \xrightarrow{\div 8} \\ \xleftarrow{\div 8} \end{matrix} \frac{22}{5} = 4\frac{2}{5}$$

$$6. \quad \frac{138}{30} \begin{matrix} \xrightarrow{\div 6} \\ \xleftarrow{\div 6} \end{matrix} \frac{23}{5} = 4\frac{3}{5}$$

$$16. \quad \frac{330}{42} \begin{matrix} \xrightarrow{\div 6} \\ \xleftarrow{\div 6} \end{matrix} \frac{55}{7} = 7\frac{6}{7}$$

$$7. \quad \frac{216}{64} \begin{matrix} \xrightarrow{\div 8} \\ \xleftarrow{\div 8} \end{matrix} \frac{27}{8} = 3\frac{3}{8}$$

$$17. \quad \frac{49}{28} \begin{matrix} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{matrix} \frac{7}{4} = 1\frac{3}{4}$$

$$8. \quad \frac{245}{30} \begin{matrix} \xrightarrow{\div 5} \\ \xleftarrow{\div 5} \end{matrix} \frac{49}{6} = 8\frac{1}{6}$$

$$18. \quad \frac{88}{16} \begin{matrix} \xrightarrow{\div 8} \\ \xleftarrow{\div 8} \end{matrix} \frac{11}{2} = 5\frac{1}{2}$$

$$9. \quad \frac{45}{20} \begin{matrix} \xrightarrow{\div 5} \\ \xleftarrow{\div 5} \end{matrix} \frac{9}{4} = 2\frac{1}{4}$$

$$19. \quad \frac{666}{81} \begin{matrix} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{matrix} \frac{74}{9} = 8\frac{2}{9}$$

$$10. \quad \frac{351}{45} \begin{matrix} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{matrix} \frac{39}{5} = 7\frac{4}{5}$$

$$20. \quad \frac{328}{80} \begin{matrix} \xrightarrow{\div 8} \\ \xleftarrow{\div 8} \end{matrix} \frac{41}{10} = 4\frac{1}{10}$$

## Simplification des fractions impropres (G)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Simplifiez chaque fraction à ses termes les plus bas ; puis changez la fraction en un nombre fractionnaire.

1.  $\frac{243}{36} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

11.  $\frac{729}{90} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

2.  $\frac{385}{60} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

12.  $\frac{259}{77} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

3.  $\frac{175}{49} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

13.  $\frac{976}{120} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4.  $\frac{205}{40} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

14.  $\frac{264}{30} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

5.  $\frac{294}{36} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

15.  $\frac{135}{25} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

6.  $\frac{126}{35} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

16.  $\frac{427}{63} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

17.  $\frac{315}{56} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

8.  $\frac{56}{16} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

18.  $\frac{175}{40} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

9.  $\frac{287}{42} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

19.  $\frac{186}{30} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

10.  $\frac{85}{20} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

20.  $\frac{330}{48} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

# Simplification des fractions impropres (G) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Simplifiez chaque fraction à ses termes les plus bas ; puis changez la fraction en un nombre fractionnaire.

$$1. \quad \frac{243}{36} \begin{matrix} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{matrix} \frac{27}{4} = 6\frac{3}{4}$$

$$11. \quad \frac{729}{90} \begin{matrix} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{matrix} \frac{81}{10} = 8\frac{1}{10}$$

$$2. \quad \frac{385}{60} \begin{matrix} \xrightarrow{\div 5} \\ \xleftarrow{\div 5} \end{matrix} \frac{77}{12} = 6\frac{5}{12}$$

$$12. \quad \frac{259}{77} \begin{matrix} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{matrix} \frac{37}{11} = 3\frac{4}{11}$$

$$3. \quad \frac{175}{49} \begin{matrix} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{matrix} \frac{25}{7} = 3\frac{4}{7}$$

$$13. \quad \frac{976}{120} \begin{matrix} \xrightarrow{\div 8} \\ \xleftarrow{\div 8} \end{matrix} \frac{122}{15} = 8\frac{2}{15}$$

$$4. \quad \frac{205}{40} \begin{matrix} \xrightarrow{\div 5} \\ \xleftarrow{\div 5} \end{matrix} \frac{41}{8} = 5\frac{1}{8}$$

$$14. \quad \frac{264}{30} \begin{matrix} \xrightarrow{\div 6} \\ \xleftarrow{\div 6} \end{matrix} \frac{44}{5} = 8\frac{4}{5}$$

$$5. \quad \frac{294}{36} \begin{matrix} \xrightarrow{\div 6} \\ \xleftarrow{\div 6} \end{matrix} \frac{49}{6} = 8\frac{1}{6}$$

$$15. \quad \frac{135}{25} \begin{matrix} \xrightarrow{\div 5} \\ \xleftarrow{\div 5} \end{matrix} \frac{27}{5} = 5\frac{2}{5}$$

$$6. \quad \frac{126}{35} \begin{matrix} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{matrix} \frac{18}{5} = 3\frac{3}{5}$$

$$16. \quad \frac{427}{63} \begin{matrix} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{matrix} \frac{61}{9} = 6\frac{7}{9}$$

$$7. \quad \frac{28}{21} \begin{matrix} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{matrix} \frac{4}{3} = 1\frac{1}{3}$$

$$17. \quad \frac{315}{56} \begin{matrix} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{matrix} \frac{45}{8} = 5\frac{5}{8}$$

$$8. \quad \frac{56}{16} \begin{matrix} \xrightarrow{\div 8} \\ \xleftarrow{\div 8} \end{matrix} \frac{7}{2} = 3\frac{1}{2}$$

$$18. \quad \frac{175}{40} \begin{matrix} \xrightarrow{\div 5} \\ \xleftarrow{\div 5} \end{matrix} \frac{35}{8} = 4\frac{3}{8}$$

$$9. \quad \frac{287}{42} \begin{matrix} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{matrix} \frac{41}{6} = 6\frac{5}{6}$$

$$19. \quad \frac{186}{30} \begin{matrix} \xrightarrow{\div 6} \\ \xleftarrow{\div 6} \end{matrix} \frac{31}{5} = 6\frac{1}{5}$$

$$10. \quad \frac{85}{20} \begin{matrix} \xrightarrow{\div 5} \\ \xleftarrow{\div 5} \end{matrix} \frac{17}{4} = 4\frac{1}{4}$$

$$20. \quad \frac{330}{48} \begin{matrix} \xrightarrow{\div 6} \\ \xleftarrow{\div 6} \end{matrix} \frac{55}{8} = 6\frac{7}{8}$$

## Simplification des fractions impropres (H)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Simplifiez chaque fraction à ses termes les plus bas ; puis changez la fraction en un nombre fractionnaire.

1.  $\frac{636}{90} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

11.  $\frac{285}{40} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

2.  $\frac{678}{72} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

3.  $\frac{162}{42} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

13.  $\frac{171}{45} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4.  $\frac{427}{77} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

14.  $\frac{91}{63} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

5.  $\frac{145}{40} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

6.  $\frac{77}{42} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

16.  $\frac{150}{18} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

7.  $\frac{252}{35} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

17.  $\frac{426}{48} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

8.  $\frac{133}{42} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

18.  $\frac{462}{60} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

9.  $\frac{217}{28} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

19.  $\frac{344}{64} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

10.  $\frac{297}{45} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

20.  $\frac{102}{30} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

# Simplification des fractions impropres (H) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Simplifiez chaque fraction à ses termes les plus bas ; puis changez la fraction en un nombre fractionnaire.

$$1. \quad \frac{636}{90} \stackrel{\div 6}{=} \frac{106}{15} = 7\frac{1}{15}$$

$$11. \quad \frac{285}{40} \stackrel{\div 5}{=} \frac{57}{8} = 7\frac{1}{8}$$

$$2. \quad \frac{678}{72} \stackrel{\div 6}{=} \frac{113}{12} = 9\frac{5}{12}$$

$$12. \quad \frac{102}{12} \stackrel{\div 6}{=} \frac{17}{2} = 8\frac{1}{2}$$

$$3. \quad \frac{162}{42} \stackrel{\div 6}{=} \frac{27}{7} = 3\frac{6}{7}$$

$$13. \quad \frac{171}{45} \stackrel{\div 9}{=} \frac{19}{5} = 3\frac{4}{5}$$

$$4. \quad \frac{427}{77} \stackrel{\div 7}{=} \frac{61}{11} = 5\frac{6}{11}$$

$$14. \quad \frac{91}{63} \stackrel{\div 7}{=} \frac{13}{9} = 1\frac{4}{9}$$

$$5. \quad \frac{145}{40} \stackrel{\div 5}{=} \frac{29}{8} = 3\frac{5}{8}$$

$$15. \quad \frac{81}{36} \stackrel{\div 9}{=} \frac{9}{4} = 2\frac{1}{4}$$

$$6. \quad \frac{77}{42} \stackrel{\div 7}{=} \frac{11}{6} = 1\frac{5}{6}$$

$$16. \quad \frac{150}{18} \stackrel{\div 6}{=} \frac{25}{3} = 8\frac{1}{3}$$

$$7. \quad \frac{252}{35} \stackrel{\div 7}{=} \frac{36}{5} = 7\frac{1}{5}$$

$$17. \quad \frac{426}{48} \stackrel{\div 6}{=} \frac{71}{8} = 8\frac{7}{8}$$

$$8. \quad \frac{133}{42} \stackrel{\div 7}{=} \frac{19}{6} = 3\frac{1}{6}$$

$$18. \quad \frac{462}{60} \stackrel{\div 6}{=} \frac{77}{10} = 7\frac{7}{10}$$

$$9. \quad \frac{217}{28} \stackrel{\div 7}{=} \frac{31}{4} = 7\frac{3}{4}$$

$$19. \quad \frac{344}{64} \stackrel{\div 8}{=} \frac{43}{8} = 5\frac{3}{8}$$

$$10. \quad \frac{297}{45} \stackrel{\div 9}{=} \frac{33}{5} = 6\frac{3}{5}$$

$$20. \quad \frac{102}{30} \stackrel{\div 6}{=} \frac{17}{5} = 3\frac{2}{5}$$



## Simplification des fractions impropres (I)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Simplifiez chaque fraction à ses termes les plus bas ; puis changez la fraction en un nombre fractionnaire.

1.  $\frac{408}{56} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

11.  $\frac{243}{72} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

2.  $\frac{224}{40} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

12.  $\frac{85}{40} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

3.  $\frac{135}{18} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

13.  $\frac{35}{30} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4.  $\frac{78}{18} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

14.  $\frac{333}{72} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

15.  $\frac{235}{25} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

6.  $\frac{174}{90} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

16.  $\frac{153}{99} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

7.  $\frac{712}{96} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

17.  $\frac{330}{48} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

8.  $\frac{145}{30} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

18.  $\frac{295}{50} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

9.  $\frac{105}{20} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

19.  $\frac{720}{81} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

10.  $\frac{135}{36} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

20.  $\frac{324}{45} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

# Simplification des fractions impropres (I) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Simplifiez chaque fraction à ses termes les plus bas ; puis changez la fraction en un nombre fractionnaire.

$$1. \quad \frac{408}{56} \begin{array}{c} \xrightarrow{\div 8} \\ \xleftarrow{\div 8} \end{array} \frac{51}{7} = 7\frac{2}{7}$$

$$11. \quad \frac{243}{72} \begin{array}{c} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{array} \frac{27}{8} = 3\frac{3}{8}$$

$$2. \quad \frac{224}{40} \begin{array}{c} \xrightarrow{\div 8} \\ \xleftarrow{\div 8} \end{array} \frac{28}{5} = 5\frac{3}{5}$$

$$12. \quad \frac{85}{40} \begin{array}{c} \xrightarrow{\div 5} \\ \xleftarrow{\div 5} \end{array} \frac{17}{8} = 2\frac{1}{8}$$

$$3. \quad \frac{135}{18} \begin{array}{c} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{array} \frac{15}{2} = 7\frac{1}{2}$$

$$13. \quad \frac{35}{30} \begin{array}{c} \xrightarrow{\div 5} \\ \xleftarrow{\div 5} \end{array} \frac{7}{6} = 1\frac{1}{6}$$

$$4. \quad \frac{78}{18} \begin{array}{c} \xrightarrow{\div 6} \\ \xleftarrow{\div 6} \end{array} \frac{13}{3} = 4\frac{1}{3}$$

$$14. \quad \frac{333}{72} \begin{array}{c} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{array} \frac{37}{8} = 4\frac{5}{8}$$

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

$$15. \quad \frac{235}{25} \begin{array}{c} \xrightarrow{\div 5} \\ \xleftarrow{\div 5} \end{array} \frac{47}{5} = 9\frac{2}{5}$$

$$6. \quad \frac{174}{90} \begin{array}{c} \xrightarrow{\div 6} \\ \xleftarrow{\div 6} \end{array} \frac{29}{15} = 1\frac{14}{15}$$

$$16. \quad \frac{153}{99} \begin{array}{c} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{array} \frac{17}{11} = 1\frac{6}{11}$$

$$7. \quad \frac{712}{96} \begin{array}{c} \xrightarrow{\div 8} \\ \xleftarrow{\div 8} \end{array} \frac{89}{12} = 7\frac{5}{12}$$

$$17. \quad \frac{330}{48} \begin{array}{c} \xrightarrow{\div 6} \\ \xleftarrow{\div 6} \end{array} \frac{55}{8} = 6\frac{7}{8}$$

$$8. \quad \frac{145}{30} \begin{array}{c} \xrightarrow{\div 5} \\ \xleftarrow{\div 5} \end{array} \frac{29}{6} = 4\frac{5}{6}$$

$$18. \quad \frac{295}{50} \begin{array}{c} \xrightarrow{\div 5} \\ \xleftarrow{\div 5} \end{array} \frac{59}{10} = 5\frac{9}{10}$$

$$9. \quad \frac{105}{20} \begin{array}{c} \xrightarrow{\div 5} \\ \xleftarrow{\div 5} \end{array} \frac{21}{4} = 5\frac{1}{4}$$

$$19. \quad \frac{720}{81} \begin{array}{c} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{array} \frac{80}{9} = 8\frac{8}{9}$$

$$10. \quad \frac{135}{36} \begin{array}{c} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{array} \frac{15}{4} = 3\frac{3}{4}$$

$$20. \quad \frac{324}{45} \begin{array}{c} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{array} \frac{36}{5} = 7\frac{1}{5}$$

## Simplification des fractions impropres (J)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Simplifiez chaque fraction à ses termes les plus bas ; puis changez la fraction en un nombre fractionnaire.

1.  $\frac{259}{84} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

11.  $\frac{357}{70} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

2.  $\frac{162}{24} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

12.  $\frac{155}{40} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

3.  $\frac{150}{36} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

13.  $\frac{402}{48} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

4.  $\frac{1096}{120} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

14.  $\frac{200}{32} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

5.  $\frac{585}{72} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

15.  $\frac{333}{72} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

6.  $\frac{119}{42} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

16.  $\frac{234}{81} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

7.  $\frac{603}{63} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

17.  $\frac{552}{88} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

8.  $\frac{222}{30} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

18.  $\frac{168}{30} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

9.  $\frac{324}{45} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

19.  $\frac{114}{12} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

10.  $\frac{195}{25} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

20.  $\frac{95}{15} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

# Simplification des fractions impropres (J) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Simplifiez chaque fraction à ses termes les plus bas ; puis changez la fraction en un nombre fractionnaire.

$$1. \quad \frac{259}{84} \begin{array}{c} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{array} \frac{37}{12} = 3\frac{1}{12}$$

$$11. \quad \frac{357}{70} \begin{array}{c} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{array} \frac{51}{10} = 5\frac{1}{10}$$

$$2. \quad \frac{162}{24} \begin{array}{c} \xrightarrow{\div 6} \\ \xleftarrow{\div 6} \end{array} \frac{27}{4} = 6\frac{3}{4}$$

$$12. \quad \frac{155}{40} \begin{array}{c} \xrightarrow{\div 5} \\ \xleftarrow{\div 5} \end{array} \frac{31}{8} = 3\frac{7}{8}$$

$$3. \quad \frac{150}{36} \begin{array}{c} \xrightarrow{\div 6} \\ \xleftarrow{\div 6} \end{array} \frac{25}{6} = 4\frac{1}{6}$$

$$13. \quad \frac{402}{48} \begin{array}{c} \xrightarrow{\div 6} \\ \xleftarrow{\div 6} \end{array} \frac{67}{8} = 8\frac{3}{8}$$

$$4. \quad \frac{1096}{120} \begin{array}{c} \xrightarrow{\div 8} \\ \xleftarrow{\div 8} \end{array} \frac{137}{15} = 9\frac{2}{15}$$

$$14. \quad \frac{200}{32} \begin{array}{c} \xrightarrow{\div 8} \\ \xleftarrow{\div 8} \end{array} \frac{25}{4} = 6\frac{1}{4}$$

$$5. \quad \frac{585}{72} \begin{array}{c} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{array} \frac{65}{8} = 8\frac{1}{8}$$

$$15. \quad \frac{333}{72} \begin{array}{c} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{array} \frac{37}{8} = 4\frac{5}{8}$$

$$6. \quad \frac{119}{42} \begin{array}{c} \xrightarrow{\div 7} \\ \xleftarrow{\div 7} \end{array} \frac{17}{6} = 2\frac{5}{6}$$

$$16. \quad \frac{234}{81} \begin{array}{c} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{array} \frac{26}{9} = 2\frac{8}{9}$$

$$7. \quad \frac{603}{63} \begin{array}{c} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{array} \frac{67}{7} = 9\frac{4}{7}$$

$$17. \quad \frac{552}{88} \begin{array}{c} \xrightarrow{\div 8} \\ \xleftarrow{\div 8} \end{array} \frac{69}{11} = 6\frac{3}{11}$$

$$8. \quad \frac{222}{30} \begin{array}{c} \xrightarrow{\div 6} \\ \xleftarrow{\div 6} \end{array} \frac{37}{5} = 7\frac{2}{5}$$

$$18. \quad \frac{168}{30} \begin{array}{c} \xrightarrow{\div 6} \\ \xleftarrow{\div 6} \end{array} \frac{28}{5} = 5\frac{3}{5}$$

$$9. \quad \frac{324}{45} \begin{array}{c} \xrightarrow{\div 9} \\ \xleftarrow{\div 9} \end{array} \frac{36}{5} = 7\frac{1}{5}$$

$$19. \quad \frac{114}{12} \begin{array}{c} \xrightarrow{\div 6} \\ \xleftarrow{\div 6} \end{array} \frac{19}{2} = 9\frac{1}{2}$$

$$10. \quad \frac{195}{25} \begin{array}{c} \xrightarrow{\div 5} \\ \xleftarrow{\div 5} \end{array} \frac{39}{5} = 7\frac{4}{5}$$

$$20. \quad \frac{95}{15} \begin{array}{c} \xrightarrow{\div 5} \\ \xleftarrow{\div 5} \end{array} \frac{19}{3} = 6\frac{1}{3}$$