

## 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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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