

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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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