

Opérations avec deux fractions mixtes (G)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

1. $5\frac{1}{2} \div 5\frac{5}{8} =$

2. $5\frac{4}{5} - 4\frac{4}{5} =$

3. $1\frac{3}{11} \times 5\frac{4}{7} =$

4. $5\frac{5}{7} - 1\frac{5}{7} =$

5. $5\frac{1}{2} - 4\frac{1}{6} =$

6. $2\frac{14}{15} \div 5\frac{2}{3} =$

7. $5\frac{1}{2} + 1\frac{5}{6} =$

8. $5\frac{1}{2} + 1\frac{1}{2} =$

9. $5\frac{1}{6} + 1\frac{1}{3} =$

10. $1\frac{5}{12} \div 5\frac{2}{3} =$

Opérations avec deux fractions mixtes (G) Réponses

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Calculez chaque résultat.

$$1. \quad 5\frac{1}{2} \div 5\frac{5}{8} = \frac{11}{2} \div \frac{45}{8} = \frac{11}{2} \times \frac{8}{45} = \frac{88}{90} = \frac{44}{45}$$

$$2. \quad 5\frac{4}{5} - 4\frac{4}{5} = \frac{29}{5} - \frac{24}{5} = \frac{5}{5} = 1$$

$$3. \quad 1\frac{3}{11} \times 5\frac{4}{7} = \frac{14}{11} \times \frac{39}{7} = \frac{546}{77} = \frac{78}{11} = 7\frac{1}{11}$$

$$4. \quad 5\frac{5}{7} - 1\frac{5}{7} = \frac{40}{7} - \frac{12}{7} = \frac{28}{7} = \frac{4}{1} = 4$$

$$5. \quad 5\frac{1}{2} - 4\frac{1}{6} = \frac{11}{2} - \frac{25}{6} = \frac{8}{6} = \frac{4}{3} = 1\frac{1}{3}$$

$$6. \quad 2\frac{14}{15} \div 5\frac{2}{3} = \frac{44}{15} \div \frac{17}{3} = \frac{44}{15} \times \frac{3}{17} = \frac{132}{255} = \frac{44}{85}$$

$$7. \quad 5\frac{1}{2} + 1\frac{5}{6} = \frac{11}{2} + \frac{11}{6} = \frac{44}{6} = \frac{22}{3} = 7\frac{1}{3}$$

$$8. \quad 5\frac{1}{2} + 1\frac{1}{2} = \frac{11}{2} + \frac{3}{2} = \frac{14}{2} = \frac{7}{1} = 7$$

$$9. \quad 5\frac{1}{6} + 1\frac{1}{3} = \frac{31}{6} + \frac{4}{3} = \frac{39}{6} = \frac{13}{2} = 6\frac{1}{2}$$

$$10. \quad 1\frac{5}{12} \div 5\frac{2}{3} = \frac{17}{12} \div \frac{17}{3} = \frac{17}{12} \times \frac{3}{17} = \frac{51}{204} = \frac{1}{4}$$