

Opérations avec deux fractions mixtes (E)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

1. $5\frac{4}{5} \div 4\frac{1}{8} =$

2. $5\frac{1}{2} + 1\frac{1}{10} =$

3. $5\frac{1}{3} - 1\frac{1}{3} =$

4. $5\frac{1}{2} - 2\frac{2}{3} =$

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

6. $5\frac{3}{4} + 1\frac{7}{16} =$

7. $5\frac{5}{13} \div 5\frac{4}{5} =$

8. $1\frac{3}{5} \times 5\frac{2}{7} =$

9. $5\frac{1}{2} \times 1\frac{6}{17} =$

10. $5\frac{1}{5} + 3\frac{8}{15} =$

Opérations avec deux fractions mixtes (E) Réponses

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Calculez chaque résultat.

$$1. \quad 5\frac{4}{5} \div 4\frac{1}{8} = \frac{29}{5} \div \frac{33}{8} = \frac{29}{5} \times \frac{8}{33} = \frac{232}{165} = 1\frac{67}{165}$$

$$2. \quad 5\frac{1}{2} + 1\frac{1}{10} = \frac{11}{2} + \frac{11}{10} = \frac{55}{10} + \frac{11}{10} = \frac{66}{10} = \frac{33}{5} = 6\frac{3}{5}$$

$$3. \quad 5\frac{1}{3} - 1\frac{1}{3} = \frac{16}{3} - \frac{4}{3} = \frac{16}{3} - \frac{4}{3} = \frac{12}{3} = \frac{4}{1} = 4$$

$$4. \quad 5\frac{1}{2} - 2\frac{2}{3} = \frac{11}{2} - \frac{8}{3} = \frac{33}{6} - \frac{16}{6} = \frac{17}{6} = 2\frac{5}{6}$$

$$5. \quad 5\frac{1}{2} \times 1\frac{1}{8} = \frac{11}{2} \times \frac{9}{8} = \frac{99}{16} = 6\frac{3}{16}$$

$$6. \quad 5\frac{3}{4} + 1\frac{7}{16} = \frac{23}{4} + \frac{23}{16} = \frac{92}{16} + \frac{23}{16} = \frac{115}{16} = 7\frac{3}{16}$$

$$7. \quad 5\frac{5}{13} \div 5\frac{4}{5} = \frac{70}{13} \div \frac{29}{5} = \frac{70}{13} \times \frac{5}{29} = \frac{350}{377}$$

$$8. \quad 1\frac{3}{5} \times 5\frac{2}{7} = \frac{8}{5} \times \frac{37}{7} = \frac{296}{35} = 8\frac{16}{35}$$

$$9. \quad 5\frac{1}{2} \times 1\frac{6}{17} = \frac{11}{2} \times \frac{23}{17} = \frac{253}{34} = 7\frac{15}{34}$$

$$10. \quad 5\frac{1}{5} + 3\frac{8}{15} = \frac{26}{5} + \frac{53}{15} = \frac{78}{15} + \frac{53}{15} = \frac{131}{15} = 8\frac{11}{15}$$