

Opérations avec deux fractions mixtes (H)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

1. $5\frac{1}{2} \times 1\frac{4}{7} =$

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

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

4. $5\frac{2}{5} \times 1\frac{1}{2} =$

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

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

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

8. $5\frac{1}{7} \div 1\frac{11}{12} =$

9. $5\frac{2}{3} + 2\frac{3}{4} =$

10. $5\frac{3}{4} - 4\frac{11}{15} =$

Opérations avec deux fractions mixtes (H) Réponses

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Calculez chaque résultat.

$$1. \quad 5\frac{1}{2} \times 1\frac{4}{7} = \frac{11}{2} \times \frac{11}{7} = \frac{121}{14} = 8\frac{9}{14}$$

$$2. \quad 5\frac{1}{2} \times 1\frac{3}{8} = \frac{11}{2} \times \frac{11}{8} = \frac{121}{16} = 7\frac{9}{16}$$

$$3. \quad 5\frac{4}{5} \div 1\frac{4}{11} = \frac{29}{5} \div \frac{15}{11} = \frac{29}{5} \times \frac{11}{15} = \frac{319}{75} = 4\frac{19}{75}$$

$$4. \quad 5\frac{2}{5} \times 1\frac{1}{2} = \frac{27}{5} \times \frac{3}{2} = \frac{81}{10} = 8\frac{1}{10}$$

$$5. \quad 5\frac{2}{3} + 1\frac{5}{7} = \frac{17}{3} + \frac{12}{7} = \frac{119}{21} + \frac{36}{21} = \frac{155}{21} = 7\frac{8}{21}$$

$$6. \quad 5\frac{3}{5} + 1\frac{5}{16} = \frac{28}{5} + \frac{21}{16} = \frac{448}{80} + \frac{105}{80} = \frac{553}{80} = 6\frac{73}{80}$$

$$7. \quad 4\frac{4}{7} \div 5\frac{4}{5} = \frac{32}{7} \div \frac{29}{5} = \frac{32}{7} \times \frac{5}{29} = \frac{160}{203}$$

$$8. \quad 5\frac{1}{7} \div 1\frac{11}{12} = \frac{36}{7} \div \frac{23}{12} = \frac{36}{7} \times \frac{12}{23} = \frac{432}{161} = 2\frac{110}{161}$$

$$9. \quad 5\frac{2}{3} + 2\frac{3}{4} = \frac{17}{3} + \frac{11}{4} = \frac{68}{12} + \frac{33}{12} = \frac{101}{12} = 8\frac{5}{12}$$

$$10. \quad 5\frac{3}{4} - 4\frac{11}{15} = \frac{23}{4} - \frac{71}{15} = \frac{345}{60} - \frac{284}{60} = \frac{61}{60} = 1\frac{1}{60}$$