

Opérations avec deux fractions mixtes (H)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

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

2. $1\frac{2}{14} \times 5\frac{5}{8} =$

3. $1\frac{11}{20} \div 5\frac{4}{5} =$

4. $5\frac{2}{8} + 1\frac{4}{9} =$

5. $5\frac{2}{6} + 1\frac{3}{13} =$

6. $4\frac{9}{14} \div 5\frac{7}{9} =$

7. $1\frac{5}{10} \times 5\frac{1}{2} =$

8. $5\frac{2}{4} - 1\frac{12}{13} =$

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

10. $5\frac{4}{6} + 2\frac{13}{19} =$

Opérations avec deux fractions mixtes (H) Réponses

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Calculez chaque résultat.

$$1. \quad 1\frac{5}{10} \times 5\frac{2}{3} = \frac{15}{10} \times \frac{17}{3} = \frac{255}{30} = \frac{17}{2} = 8\frac{1}{2}$$

$$2. \quad 1\frac{2}{14} \times 5\frac{5}{8} = \frac{16}{14} \times \frac{45}{8} = \frac{720}{112} = \frac{45}{7} = 6\frac{3}{7}$$

$$3. \quad 1\frac{11}{20} \div 5\frac{4}{5} = \frac{31}{20} \div \frac{29}{5} = \frac{31}{20} \times \frac{5}{29} = \frac{155}{580} = \frac{31}{116}$$

$$4. \quad 5\frac{2}{8} + 1\frac{4}{9} = \frac{42}{8} + \frac{13}{9} = \frac{378}{72} + \frac{104}{72} = \frac{482}{72} = \frac{241}{36} = 6\frac{25}{36}$$

$$5. \quad 5\frac{2}{6} + 1\frac{3}{13} = \frac{32}{6} + \frac{16}{13} = \frac{416}{78} + \frac{96}{78} = \frac{512}{78} = \frac{256}{39} = 6\frac{22}{39}$$

$$6. \quad 4\frac{9}{14} \div 5\frac{7}{9} = \frac{65}{14} \div \frac{52}{9} = \frac{65}{14} \times \frac{9}{52} = \frac{585}{728} = \frac{45}{56}$$

$$7. \quad 1\frac{5}{10} \times 5\frac{1}{2} = \frac{15}{10} \times \frac{11}{2} = \frac{165}{20} = \frac{33}{4} = 8\frac{1}{4}$$

$$8. \quad 5\frac{2}{4} - 1\frac{12}{13} = \frac{22}{4} - \frac{25}{13} = \frac{286}{52} - \frac{100}{52} = \frac{186}{52} = \frac{93}{26} = 3\frac{15}{26}$$

$$9. \quad 5\frac{2}{4} - 3\frac{3}{5} = \frac{22}{4} - \frac{18}{5} = \frac{110}{20} - \frac{72}{20} = \frac{38}{20} = \frac{19}{10} = 1\frac{9}{10}$$

$$10. \quad 5\frac{4}{6} + 2\frac{13}{19} = \frac{34}{6} + \frac{51}{19} = \frac{646}{114} + \frac{306}{114} = \frac{952}{114} = \frac{476}{57} = 8\frac{20}{57}$$