Multiplier des fractions mixtes négatives (J)

Nom: _____ Date: _____ Note: _____

Calculez chaque produit.

1. $\left(-1\dfrac{1}{3}\right) \times 1\dfrac{1}{3} \quad =$

2. $\left(-1\dfrac{1}{6}\right) \times \left(-4\dfrac{3}{4}\right) =$

3. $\left(-1\dfrac{2}{3}\right) \times \dfrac{1}{4} \quad =$

4. $\dfrac{1}{4} \times \left(-3\dfrac{3}{6}\right) \quad =$

5. $\dfrac{1}{2} \times \left(-4\dfrac{1}{6}\right) \quad =$

6. $5\dfrac{2}{5} \times \left(-1\dfrac{3}{5}\right) \quad =$

7. $\left(-4\dfrac{5}{6}\right) \times 1\dfrac{5}{6} \quad =$

8. $\left(-1\dfrac{1}{4}\right) \times \left(-3\dfrac{2}{3}\right) =$

9. $1\dfrac{2}{5} \times \left(-2\dfrac{4}{6}\right) \quad =$

10. $1\dfrac{3}{5} \times \left(-5\dfrac{1}{5}\right) \quad =$

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Calculez chaque produit.

1. $\left(-1\frac{1}{3}\right) \times 1\frac{1}{3} = \left(-\frac{4}{3}\right) \times \frac{4}{3} = \left(-\frac{16}{9}\right) = \left(-1\frac{7}{9}\right)$

2. $\left(-1\frac{1}{6}\right) \times \left(-4\frac{3}{4}\right) = \left(-\frac{7}{6}\right) \times \left(-\frac{19}{4}\right) = \frac{133}{24} = 5\frac{13}{24}$

3. $\left(-1\frac{2}{3}\right) \times \frac{1}{4} = \left(-\frac{5}{3}\right) \times \frac{1}{4} = \left(-\frac{5}{12}\right)$

4. $\frac{1}{4} \times \left(-3\frac{3}{6}\right) = \frac{1}{4} \times \left(-\frac{21}{6}\right) = \left(-\frac{21}{24}\right) = \left(-\frac{7}{8}\right)$

5. $\frac{1}{2} \times \left(-4\frac{1}{6}\right) = \frac{1}{2} \times \left(-\frac{25}{6}\right) = \left(-\frac{25}{12}\right) = \left(-2\frac{1}{12}\right)$

6. $5\frac{2}{5} \times \left(-1\frac{3}{5}\right) = \frac{27}{5} \times \left(-\frac{8}{5}\right) = \left(-\frac{216}{25}\right) = \left(-8\frac{16}{25}\right)$

7. $\left(-4\frac{5}{6}\right) \times 1\frac{5}{6} = \left(-\frac{29}{6}\right) \times \frac{11}{6} = \left(-\frac{319}{36}\right) = \left(-8\frac{31}{36}\right)$

8. $\left(-1\frac{1}{4}\right) \times \left(-3\frac{2}{3}\right) = \left(-\frac{5}{4}\right) \times \left(-\frac{11}{3}\right) = \frac{55}{12} = 4\frac{7}{12}$

9. $1\frac{2}{5} \times \left(-2\frac{4}{6}\right) = \frac{7}{5} \times \left(-\frac{16}{6}\right) = \left(-\frac{112}{30}\right) = \left(-\frac{56}{15}\right) = \left(-3\frac{11}{15}\right)$

10. $1\frac{3}{5} \times \left(-5\frac{1}{5}\right) = \frac{8}{5} \times \left(-\frac{26}{5}\right) = \left(-\frac{208}{25}\right) = \left(-8\frac{8}{25}\right)$