Multiplier des fractions mixtes négatives (F)

Nom: _____   Date: _____   Note: _____

Calculez chaque produit.

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

2. $\dfrac{2}{3} \times \left(-2\dfrac{4}{5}\right) \quad =$

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

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

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

6. $\dfrac{3}{5} \times \left(-1\dfrac{2}{4}\right) \quad =$

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

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

9. $\left(-3\dfrac{1}{4}\right) \times 2\dfrac{3}{5} \quad =$

10. $5\dfrac{1}{6} \times \left(-1\dfrac{2}{5}\right) \quad =$

Nom: _____ Date: _____ Note: _____

Calculez chaque produit.

1. $\left(-5\frac{1}{6}\right) \times \frac{1}{2}$ $=$ $\left(-\frac{31}{6}\right) \times \frac{1}{2}$ $=$ $\left(-\frac{31}{12}\right)$ $=$ $\left(-2\frac{7}{12}\right)$

2. $\frac{2}{3} \times \left(-2\frac{4}{5}\right)$ $=$ $\frac{2}{3} \times \left(-\frac{14}{5}\right)$ $=$ $\left(-\frac{28}{15}\right)$ $=$ $\left(-1\frac{13}{15}\right)$

3. $2\frac{1}{3} \times \left(-1\frac{3}{5}\right)$ $=$ $\frac{7}{3} \times \left(-\frac{8}{5}\right)$ $=$ $\left(-\frac{56}{15}\right)$ $=$ $\left(-3\frac{11}{15}\right)$

4. $\frac{3}{5} \times \left(-2\frac{2}{5}\right)$ $=$ $\frac{3}{5} \times \left(-\frac{12}{5}\right)$ $=$ $\left(-\frac{36}{25}\right)$ $=$ $\left(-1\frac{11}{25}\right)$

5. $\left(-3\frac{1}{3}\right) \times \frac{1}{3}$ $=$ $\left(-\frac{10}{3}\right) \times \frac{1}{3}$ $=$ $\left(-\frac{10}{9}\right)$ $=$ $\left(-1\frac{1}{9}\right)$

6. $\frac{3}{5} \times \left(-1\frac{2}{4}\right)$ $=$ $\frac{3}{5} \times \left(-\frac{6}{4}\right)$ $=$ $\left(-\frac{18}{20}\right)$ $=$ $\left(-\frac{9}{10}\right)$

7. $\left(-1\frac{4}{5}\right) \times \left(-2\frac{3}{5}\right)$ $=$ $\left(-\frac{9}{5}\right) \times \left(-\frac{13}{5}\right)$ $=$ $\frac{117}{25}$ $=$ $4\frac{17}{25}$

8. $2\frac{1}{2} \times \left(-3\frac{1}{4}\right)$ $=$ $\frac{5}{2} \times \left(-\frac{13}{4}\right)$ $=$ $\left(-\frac{65}{8}\right)$ $=$ $\left(-8\frac{1}{8}\right)$

9. $\left(-3\frac{1}{4}\right) \times 2\frac{3}{5}$ $=$ $\left(-\frac{13}{4}\right) \times \frac{13}{5}$ $=$ $\left(-\frac{169}{20}\right)$ $=$ $\left(-8\frac{9}{20}\right)$

10. $5\frac{1}{6} \times \left(-1\frac{2}{5}\right)$ $=$ $\frac{31}{6} \times \left(-\frac{7}{5}\right)$ $=$ $\left(-\frac{217}{30}\right)$ $=$ $\left(-7\frac{7}{30}\right)$