Multiplying Negative Mixed Fractions (H)

Name: _____   Date: _____   Score: _____

Calculate each product.

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

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

3. $3\dfrac{5}{11} \times \left(-2\dfrac{3}{5}\right)$ =

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

5. $\left(-5\dfrac{8}{12}\right) \times \dfrac{1}{11}$ =

6. $1\dfrac{2}{9} \times \left(-1\dfrac{3}{5}\right)$ =

7. $\left(-2\dfrac{2}{5}\right) \times 3\dfrac{3}{11}$ =

8. $\dfrac{1}{8} \times \left(-3\dfrac{5}{6}\right)$ =

9. $1\dfrac{1}{4} \times \left(-3\dfrac{1}{12}\right)$ =

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

Multiplying Negative Mixed Fractions (H) Answers

Name:_____   Date:_____   Score:_____

Calculate each product.

1. $\dfrac{1}{3} \times \left(-4\dfrac{4}{7}\right) = \dfrac{1}{3} \times \left(-\dfrac{32}{7}\right) = \left(-\dfrac{32}{21}\right) = \left(-1\dfrac{11}{21}\right)$

2. $\left(-2\dfrac{1}{3}\right) \times \left(-1\dfrac{4}{6}\right) = \left(-\dfrac{7}{3}\right) \times \left(-\dfrac{10}{6}\right) = \dfrac{70}{18} = \dfrac{35}{9} = 3\dfrac{8}{9}$

3. $3\dfrac{5}{11} \times \left(-2\dfrac{3}{5}\right) = \dfrac{38}{11} \times \left(-\dfrac{13}{5}\right) = \left(-\dfrac{494}{55}\right) = \left(-8\dfrac{54}{55}\right)$

4. $3\dfrac{1}{2} \times \left(-1\dfrac{4}{9}\right) = \dfrac{7}{2} \times \left(-\dfrac{13}{9}\right) = \left(-\dfrac{91}{18}\right) = \left(-5\dfrac{1}{18}\right)$

5. $\left(-5\dfrac{8}{12}\right) \times \dfrac{1}{11} = \left(-\dfrac{68}{12}\right) \times \dfrac{1}{11} = \left(-\dfrac{68}{132}\right) = \left(-\dfrac{17}{33}\right)$

6. $1\dfrac{2}{9} \times \left(-1\dfrac{3}{5}\right) = \dfrac{11}{9} \times \left(-\dfrac{8}{5}\right) = \left(-\dfrac{88}{45}\right) = \left(-1\dfrac{43}{45}\right)$

7. $\left(-2\dfrac{2}{5}\right) \times 3\dfrac{3}{11} = \left(-\dfrac{12}{5}\right) \times \dfrac{36}{11} = \left(-\dfrac{432}{55}\right) = \left(-7\dfrac{47}{55}\right)$

8. $\dfrac{1}{8} \times \left(-3\dfrac{5}{6}\right) = \dfrac{1}{8} \times \left(-\dfrac{23}{6}\right) = \left(-\dfrac{23}{48}\right)$

9. $1\dfrac{1}{4} \times \left(-3\dfrac{1}{12}\right) = \dfrac{5}{4} \times \left(-\dfrac{37}{12}\right) = \left(-\dfrac{185}{48}\right) = \left(-3\dfrac{41}{48}\right)$

10. $\left(-4\dfrac{1}{3}\right) \times \dfrac{1}{8} = \left(-\dfrac{13}{3}\right) \times \dfrac{1}{8} = \left(-\dfrac{13}{24}\right)$

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