Multiplying Negative Proper Fractions (J)

Name: _____ Date: _____ Score: _____

Calculate each product.

1. $\left(-\dfrac{5}{12}\right) \times \left(-\dfrac{4}{7}\right) = \text{—} = \text{—}$

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

3. $\left(-\dfrac{6}{7}\right) \times \dfrac{2}{7} = \text{—}$

4. $\left(-\dfrac{5}{8}\right) \times \left(-\dfrac{1}{2}\right) = \text{—}$

5. $\left(-\dfrac{3}{8}\right) \times \left(-\dfrac{2}{5}\right) = \text{—} = \text{—}$

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

7. $\left(-\dfrac{6}{7}\right) \times \left(-\dfrac{2}{3}\right) = \text{—} = \text{—}$

8. $\left(-\dfrac{1}{5}\right) \times \left(-\dfrac{2}{5}\right) = \text{—}$

9. $\left(-\dfrac{1}{10}\right) \times \left(-\dfrac{6}{7}\right) = \text{—} = \text{—}$

10. $\dfrac{2}{5} \times \left(-\dfrac{2}{9}\right) = \text{—}$

Multiplying Negative Proper Fractions (J) Answers

Name: _____   Date: _____   Score: _____

Calculate each product.

1. $\left(-\dfrac{5}{12}\right) \times \left(-\dfrac{4}{7}\right) = \dfrac{20}{84} = \dfrac{5}{21}$

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

3. $\left(-\dfrac{6}{7}\right) \times \dfrac{2}{7} = \left(-\dfrac{12}{49}\right)$

4. $\left(-\dfrac{5}{8}\right) \times \left(-\dfrac{1}{2}\right) = \dfrac{5}{16}$

5. $\left(-\dfrac{3}{8}\right) \times \left(-\dfrac{2}{5}\right) = \dfrac{6}{40} = \dfrac{3}{20}$

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

7. $\left(-\dfrac{6}{7}\right) \times \left(-\dfrac{2}{3}\right) = \dfrac{12}{21} = \dfrac{4}{7}$

8. $\left(-\dfrac{1}{5}\right) \times \left(-\dfrac{2}{5}\right) = \dfrac{2}{25}$

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

10. $\dfrac{2}{5} \times \left(-\dfrac{2}{9}\right) = \left(-\dfrac{4}{45}\right)$