Dividing Negative Proper Fractions (B)

Name: _____ Date: _____ Score: _____

Calculate each quotient.

1. $\dfrac{2}{3} \div \left(-\dfrac{1}{3}\right)$ = ⎯ × ⎯ = ⎯ = ⎯ =

2. $\left(-\dfrac{1}{2}\right) \div \dfrac{1}{2}$ = ⎯ × ⎯ = ⎯ =

3. $\left(-\dfrac{2}{3}\right) \div \left(-\dfrac{1}{2}\right)$ = ⎯ × ⎯ = ⎯ = ⎯

4. $\left(-\dfrac{1}{3}\right) \div \dfrac{2}{3}$ = ⎯ × ⎯ = ⎯ = ⎯

5. $\left(-\dfrac{3}{4}\right) \div \dfrac{1}{3}$ = ⎯ × ⎯ = ⎯ = ⎯

6. $\dfrac{1}{3} \div \left(-\dfrac{1}{5}\right)$ = ⎯ × ⎯ = ⎯ = ⎯

7. $\dfrac{1}{2} \div \left(-\dfrac{1}{3}\right)$ = ⎯ × ⎯ = ⎯ = ⎯

8. $\left(-\dfrac{1}{3}\right) \div \dfrac{3}{5}$ = ⎯ × ⎯ = ⎯

9. $\left(-\dfrac{1}{2}\right) \div \left(-\dfrac{1}{3}\right)$ = ⎯ × ⎯ = ⎯ = ⎯

10. $\left(-\dfrac{2}{3}\right) \div \dfrac{1}{2}$ = ⎯ × ⎯ = ⎯ = ⎯

	Dividing Negative Proper Fractions (B) Answers		

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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