Dividing Negative Proper Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

    Inversion   Solve   Convert ↓

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

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

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

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

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

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

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

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

10. $\dfrac{2}{3} \div \left(-\dfrac{2}{3}\right) = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$
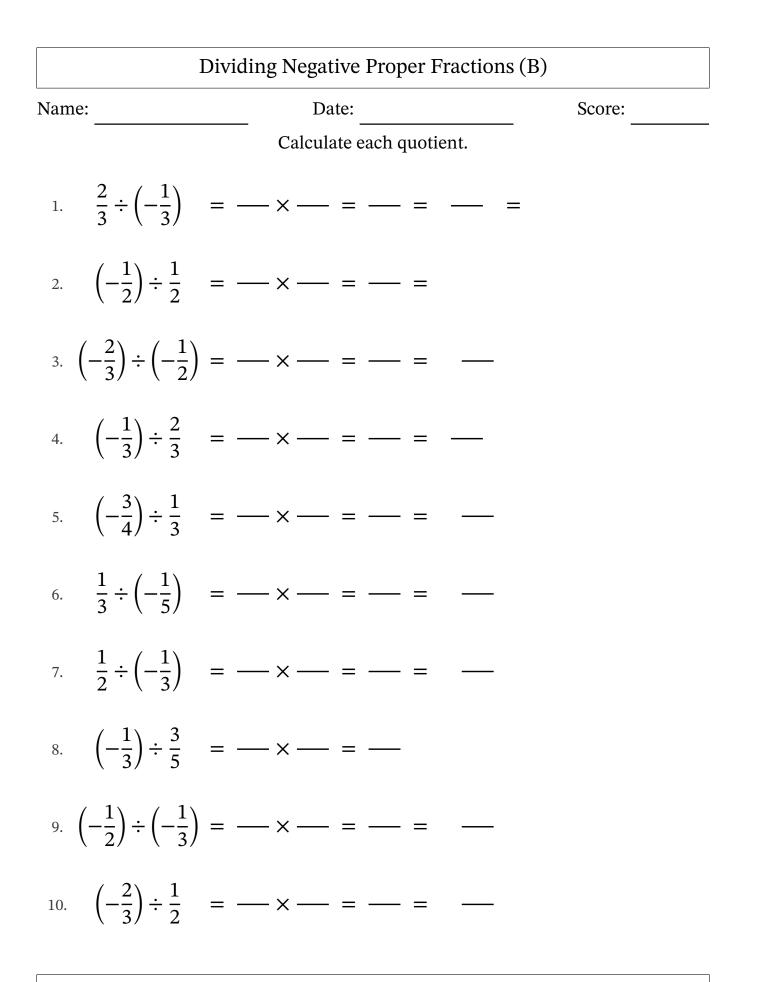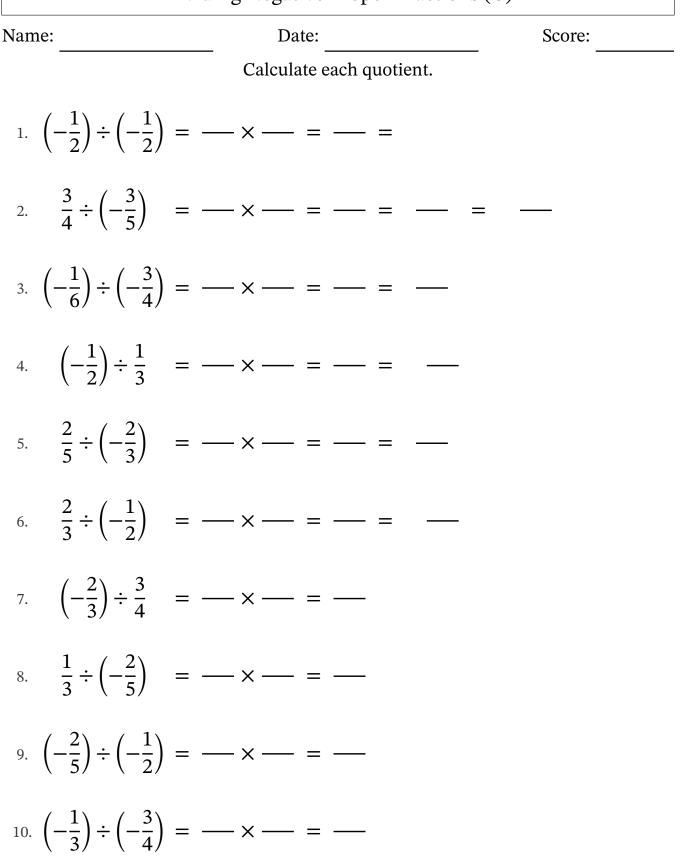
Dividing Negative Proper Fractions (A) Answers

Name: _____

Date: _____

Calculate each quotient.

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

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

3. $\left(-\dfrac{3}{5}\right) \div \left(-\dfrac{2}{5}\right) = \left(-\dfrac{3}{5}\right) \times \left(-\dfrac{5}{2}\right) = \dfrac{15}{10} = \dfrac{3}{2} = 1\dfrac{1}{2}$

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

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

6. $\dfrac{2}{3} \div \left(-\dfrac{4}{5}\right) = \dfrac{2}{3} \times \left(-\dfrac{5}{4}\right) = \left(-\dfrac{10}{12}\right) = \left(-\dfrac{5}{6}\right)$

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

8. $\left(-\dfrac{4}{5}\right) \div \left(-\dfrac{1}{2}\right) = \left(-\dfrac{4}{5}\right) \times \left(-\dfrac{2}{1}\right) = \dfrac{8}{5} = 1\dfrac{3}{5}$

9. $\left(-\dfrac{4}{5}\right) \div \dfrac{1}{2} = \left(-\dfrac{4}{5}\right) \times \dfrac{2}{1} = \left(-\dfrac{8}{5}\right) = \left(-1\dfrac{3}{5}\right)$

10. $\dfrac{2}{3} \div \left(-\dfrac{2}{3}\right) = \dfrac{2}{3} \times \left(-\dfrac{3}{2}\right) = \left(-\dfrac{6}{6}\right) = \left(-\dfrac{1}{1}\right)$
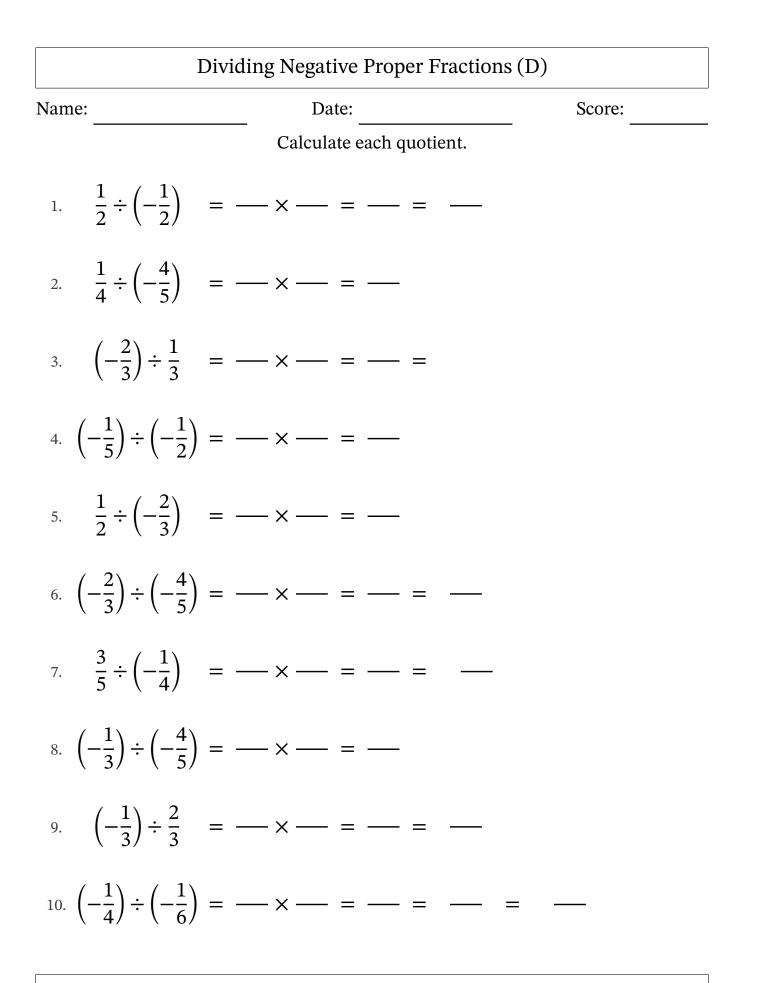
Dividing Negative Proper Fractions (B)

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

Name: _____   Date: _____   Score: _____

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

Dividing Negative Proper Fractions (C)

Name: _____   Date: _____   Score: _____

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

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Dividing Negative Proper Fractions (C) Answers

Name: _____   Date: _____   Score: _____

Calculate each quotient.

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

2. $\dfrac{3}{4} \div \left(-\dfrac{3}{5}\right) = \dfrac{3}{4} \times \left(-\dfrac{5}{3}\right) = \left(-\dfrac{15}{12}\right) = \left(-\dfrac{5}{4}\right) = \left(-1\dfrac{1}{4}\right)$

3. $\left(-\dfrac{1}{6}\right) \div \left(-\dfrac{3}{4}\right) = \left(-\dfrac{1}{6}\right) \times \left(-\dfrac{4}{3}\right) = \dfrac{4}{18} = \dfrac{2}{9}$

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

5. $\dfrac{2}{5} \div \left(-\dfrac{2}{3}\right) = \dfrac{2}{5} \times \left(-\dfrac{3}{2}\right) = \left(-\dfrac{6}{10}\right) = \left(-\dfrac{3}{5}\right)$

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

7. $\left(-\dfrac{2}{3}\right) \div \dfrac{3}{4} = \left(-\dfrac{2}{3}\right) \times \dfrac{4}{3} = \left(-\dfrac{8}{9}\right)$

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

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

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

Dividing Negative Proper Fractions (D)

Name: _____ Date: _____ Score: _____

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

Dividing Negative Proper Fractions (D) Answers

Name: _____ Date: _____ Score: _____

Calculate each quotient.

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

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

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

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

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

6. $\left(-\dfrac{2}{3}\right) \div \left(-\dfrac{4}{5}\right) = \left(-\dfrac{2}{3}\right) \times \left(-\dfrac{5}{4}\right) = \dfrac{10}{12} = \dfrac{5}{6}$

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

8. $\left(-\dfrac{1}{3}\right) \div \left(-\dfrac{4}{5}\right) = \left(-\dfrac{1}{3}\right) \times \left(-\dfrac{5}{4}\right) = \dfrac{5}{12}$

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

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

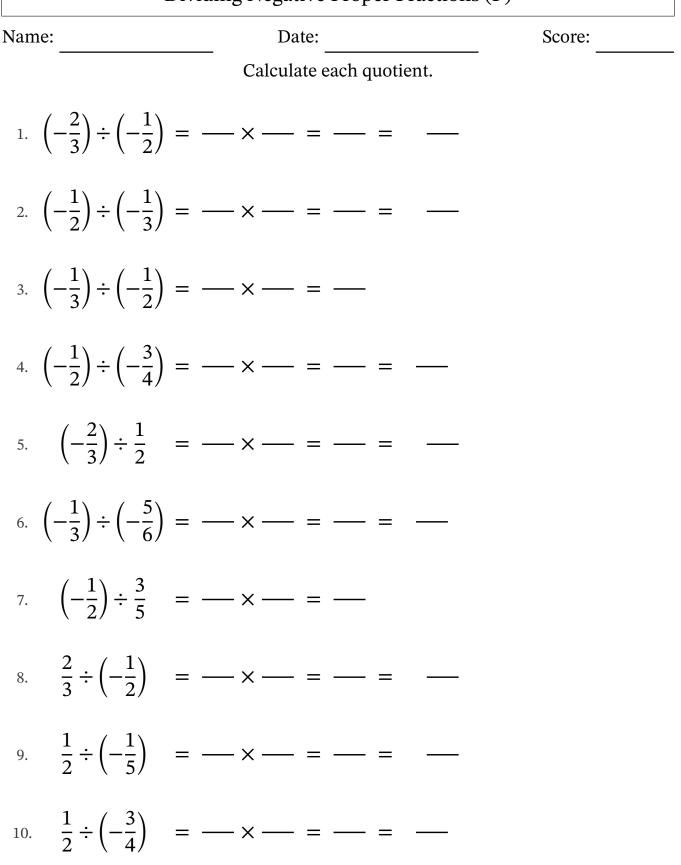Math-Drills.com

Dividing Negative Proper Fractions (E)

Name: _____   Date: _____   Score: _____

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

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Dividing Negative Proper Fractions (E) Answers

Name: _____   Date: _____   Score: _____

Calculate each quotient.

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

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

3. $\left(-\dfrac{2}{5}\right) \div \left(-\dfrac{2}{3}\right) = \left(-\dfrac{2}{5}\right) \times \left(-\dfrac{3}{2}\right) = \dfrac{6}{10} = \dfrac{3}{5}$
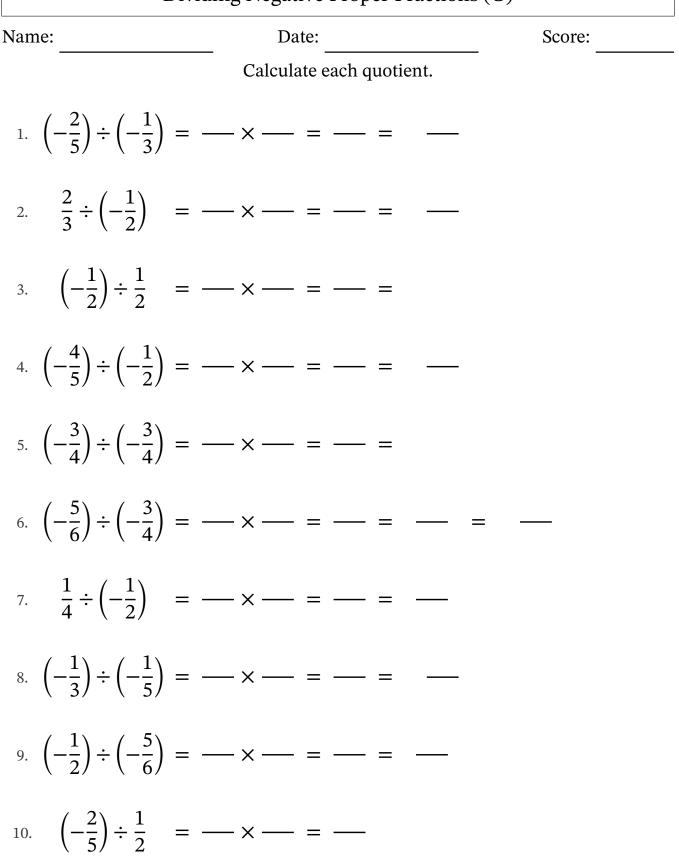
4. $\left(-\dfrac{1}{2}\right) \div \left(-\dfrac{1}{2}\right) = \left(-\dfrac{1}{2}\right) \times \left(-\dfrac{2}{1}\right) = \dfrac{2}{2} = 1$

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

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

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

8. $\left(-\dfrac{3}{4}\right) \div \left(-\dfrac{2}{3}\right) = \left(-\dfrac{3}{4}\right) \times \left(-\dfrac{3}{2}\right) = \dfrac{9}{8} = 1\dfrac{1}{8}$

9. $\left(-\dfrac{1}{3}\right) \div \dfrac{4}{5} = \left(-\dfrac{1}{3}\right) \times \dfrac{5}{4} = \left(-\dfrac{5}{12}\right)$

10. $\left(-\dfrac{3}{5}\right) \div \left(-\dfrac{2}{3}\right) = \left(-\dfrac{3}{5}\right) \times \left(-\dfrac{3}{2}\right) = \dfrac{9}{10}$

Dividing Negative Proper Fractions (F)

Name: _____   Date: _____   Score: _____

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

Dividing Negative Proper Fractions (F) Answers

Name: _____ Date: _____ Score: _____

Calculate each quotient.

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

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

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

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

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

6. $\left(-\dfrac{1}{3}\right) \div \left(-\dfrac{5}{6}\right) = \left(-\dfrac{1}{3}\right) \times \left(-\dfrac{6}{5}\right) = \dfrac{6}{15} = \dfrac{2}{5}$

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

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

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

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

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Dividing Negative Proper Fractions (G)

Name: _____   Date: _____   Score: _____

Calculate each quotient.

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

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

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

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

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

6. $\left(-\dfrac{5}{6}\right) \div \left(-\dfrac{3}{4}\right) = $ ― $\times$ ― $=$ ― $=$ ― $=$ ―

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

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

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

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

Dividing Negative Proper Fractions (G) Answers

Name: _____   Date: _____   Score: _____

Calculate each quotient.

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

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

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

4. $\left(-\dfrac{4}{5}\right) \div \left(-\dfrac{1}{2}\right) = \left(-\dfrac{4}{5}\right) \times \left(-\dfrac{2}{1}\right) = \dfrac{8}{5} = 1\dfrac{3}{5}$

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

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

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

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

9. $\left(-\dfrac{1}{2}\right) \div \left(-\dfrac{5}{6}\right) = \left(-\dfrac{1}{2}\right) \times \left(-\dfrac{6}{5}\right) = \dfrac{6}{10} = \dfrac{3}{5}$

10. $\left(-\dfrac{2}{5}\right) \div \dfrac{1}{2} = \left(-\dfrac{2}{5}\right) \times \dfrac{2}{1} = \left(-\dfrac{4}{5}\right)$
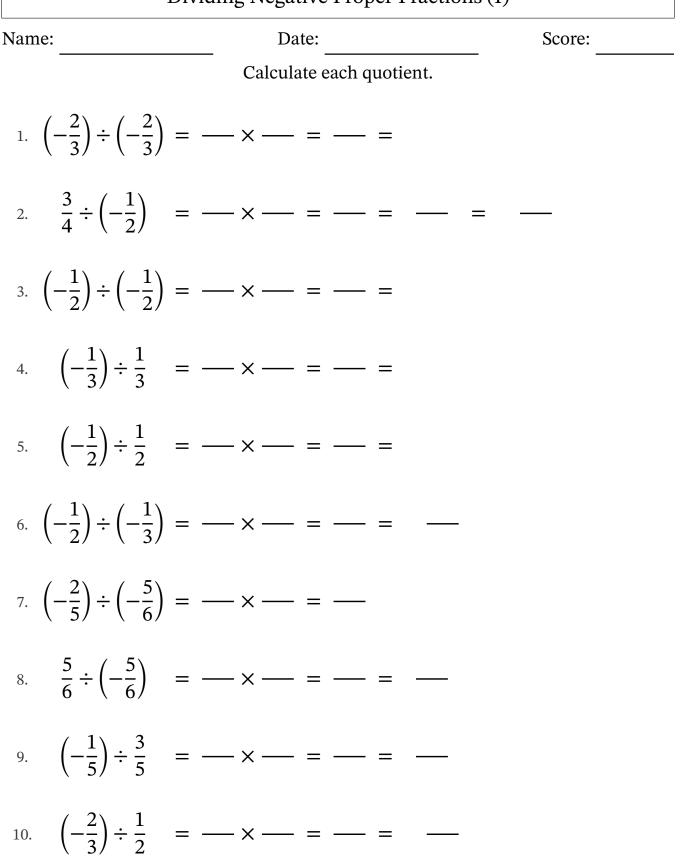
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Dividing Negative Proper Fractions (H)

Name: _____ Date: _____ Score: _____

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

Dividing Negative Proper Fractions (H) Answers

Name: _____   Date: _____   Score: _____

Calculate each quotient.

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

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

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

4. $\left(-\dfrac{3}{5}\right) \div \left(-\dfrac{3}{5}\right) = \left(-\dfrac{3}{5}\right) \times \left(-\dfrac{5}{3}\right) = \dfrac{15}{15} = 1$

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

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

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

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

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

10. $\left(-\dfrac{1}{2}\right) \div \dfrac{2}{3} = \left(-\dfrac{1}{2}\right) \times \dfrac{3}{2} = \left(-\dfrac{3}{4}\right)$
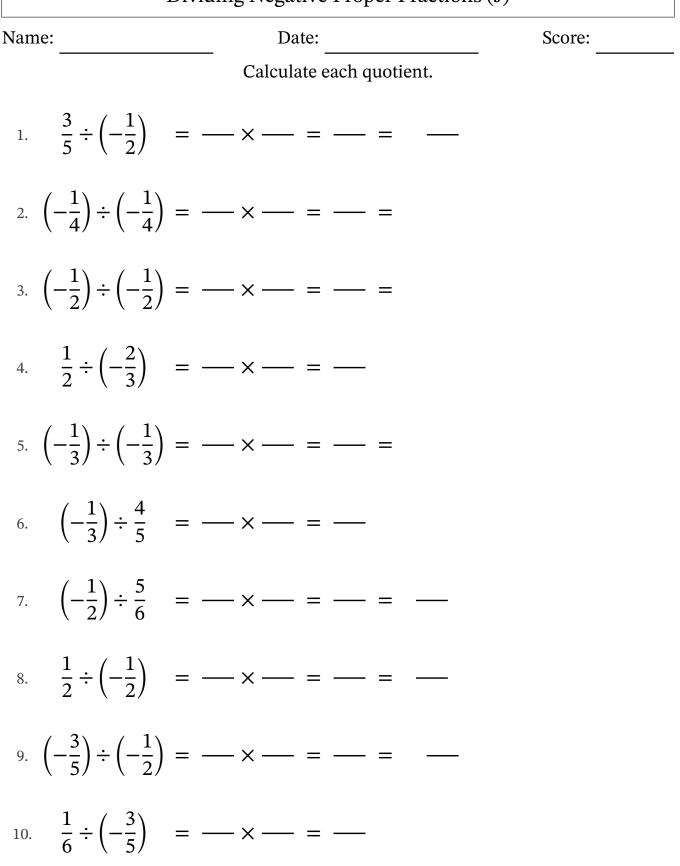
Dividing Negative Proper Fractions (I)

Name: _____ Date: _____ Score: _____

Calculate each quotient.

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

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

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

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

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

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

7. $\left(-\dfrac{2}{5}\right) \div \left(-\dfrac{5}{6}\right)$ = —— × —— = ——

8. $\dfrac{5}{6} \div \left(-\dfrac{5}{6}\right)$ = —— × —— = —— = ——

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

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

Dividing Negative Proper Fractions (I) Answers

Name: _____ Date: _____ Score: _____

Calculate each quotient.

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

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

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

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

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

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

7. $\left(-\dfrac{2}{5}\right) \div \left(-\dfrac{5}{6}\right) = \left(-\dfrac{2}{5}\right) \times \left(-\dfrac{6}{5}\right) = \dfrac{12}{25}$

8. $\dfrac{5}{6} \div \left(-\dfrac{5}{6}\right) = \dfrac{5}{6} \times \left(-\dfrac{6}{5}\right) = \left(-\dfrac{30}{30}\right) = \left(-\dfrac{1}{1}\right)$

9. $\left(-\dfrac{1}{5}\right) \div \dfrac{3}{5} = \left(-\dfrac{1}{5}\right) \times \dfrac{5}{3} = \left(-\dfrac{5}{15}\right) = \left(-\dfrac{1}{3}\right)$

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

Dividing Negative Proper Fractions (J)

Name: _____   Date: _____   Score: _____

Calculate each quotient.

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

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

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

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

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

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

7. $\left(-\dfrac{1}{2}\right) \div \dfrac{5}{6}$ = —— × —— = —— = ——

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

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

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

Dividing Negative Proper Fractions (J) Answers

Name: _____   Date: _____   Score: _____

Calculate each quotient.

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

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

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

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

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

6. $\left(-\dfrac{1}{3}\right) \div \dfrac{4}{5} = \left(-\dfrac{1}{3}\right) \times \dfrac{5}{4} = \left(-\dfrac{5}{12}\right)$

7. $\left(-\dfrac{1}{2}\right) \div \dfrac{5}{6} = \left(-\dfrac{1}{2}\right) \times \dfrac{6}{5} = \left(-\dfrac{6}{10}\right) = \left(-\dfrac{3}{5}\right)$

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

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

10. $\dfrac{1}{6} \div \left(-\dfrac{3}{5}\right) = \dfrac{1}{6} \times \left(-\dfrac{5}{3}\right) = \left(-\dfrac{5}{18}\right)$

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