

Name : _____

Score : _____ Date : _____

Multiplying and Dividing Rational Numbers

① $\frac{2}{7} \times \frac{1}{3} =$

⑦ $60.2 \div 3.01 =$

② $(-8.7) \times 3.5 =$

⑧ $(-\frac{1}{4}) \div (-\frac{4}{3}) =$

③ $7.5 \times \frac{8}{3} =$

⑨ $0.4 \div 1.6 =$

④ $\frac{16}{9} \times \frac{3}{8} =$

⑩ $\frac{3}{5} \div \frac{3}{15} =$

⑤ $(-1\frac{1}{2}) \times \frac{8}{15} =$

⑪ $2.2 \div \frac{11}{100} =$

⑥ $(-8.1) \times 2.7 =$

⑫ $(-0.05) \div 2.5 =$

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Answers

$$\textcircled{1} \quad \frac{2}{7} \times \frac{1}{3} = \frac{2}{21}$$

$$\textcircled{7} \quad 60.2 \div 3.01 = 20$$

$$\textcircled{2} \quad (-8.7) \times 3.5 = 30.45$$

$$\textcircled{8} \quad \left(-\frac{1}{4}\right) \div \left(-\frac{4}{3}\right) = \frac{3}{16}$$

$$\textcircled{3} \quad 7.5 \times \frac{8}{3} = 20$$

$$\textcircled{9} \quad 0.4 \div 1.6 = 0.25$$

$$\textcircled{4} \quad \frac{16}{9} \times \frac{3}{8} = \frac{2}{3}$$

$$\textcircled{10} \quad \frac{3}{5} \div \frac{3}{15} = 3$$

$$\textcircled{5} \quad \left(-1\frac{1}{2}\right) \times \frac{8}{15} = -\frac{4}{5}$$

$$\textcircled{11} \quad 2.2 \div \frac{11}{100} = 20$$

$$\textcircled{6} \quad (-8.1) \times 2.7 = -21.87$$

$$\textcircled{12} \quad (-0.05) \div 2.5 = -0.02$$