

Multiplying and Dividing Whole Numbers and Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $5 \div \frac{8}{3} =$

2. $7 \div \frac{11}{8} =$

3. $4 \times \frac{26}{9} =$

4. $\frac{13}{6} \div 9 =$

5. $8 \times \frac{5}{3} =$

6. $\frac{5}{2} \div 4 =$

7. $9 \times \frac{11}{4} =$

8. $7 \times \frac{23}{8} =$

9. $\frac{11}{4} \div 2 =$

10. $\frac{3}{2} \times 5 =$

Multiplying and Dividing Whole Numbers and Fractions (E) Answers

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Date: _____

Score: _____

Calculate each result.

$$1. \quad 5 \div \frac{8}{3} = \frac{5}{1} \div \frac{8}{3} = \frac{5}{1} \times \frac{3}{8} = \frac{15}{8} = 1\frac{7}{8}$$

$$2. \quad 7 \div \frac{11}{8} = \frac{7}{1} \div \frac{11}{8} = \frac{7}{1} \times \frac{8}{11} = \frac{56}{11} = 5\frac{1}{11}$$

$$3. \quad 4 \times \frac{26}{9} = \frac{104}{9} = 11\frac{5}{9}$$

$$4. \quad \frac{13}{6} \div 9 = \frac{13}{6} \div \frac{9}{1} = \frac{13}{6} \times \frac{1}{9} = \frac{13}{54}$$

$$5. \quad 8 \times \frac{5}{3} = \frac{40}{3} = 13\frac{1}{3}$$

$$6. \quad \frac{5}{2} \div 4 = \frac{5}{2} \div \frac{4}{1} = \frac{5}{2} \times \frac{1}{4} = \frac{5}{8}$$

$$7. \quad 9 \times \frac{11}{4} = \frac{99}{4} = 24\frac{3}{4}$$

$$8. \quad 7 \times \frac{23}{8} = \frac{161}{8} = 20\frac{1}{8}$$

$$9. \quad \frac{11}{4} \div 2 = \frac{11}{4} \div \frac{2}{1} = \frac{11}{4} \times \frac{1}{2} = \frac{11}{8} = 1\frac{3}{8}$$

$$10. \quad \frac{3}{2} \times 5 = \frac{15}{2} = 7\frac{1}{2}$$