

Multiplying and Dividing Whole Numbers and Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $3\frac{3}{4} \times 6 =$

2. $3 \times 3\frac{3}{4} =$

3. $8 \times 1\frac{1}{2} =$

4. $3\frac{6}{7} \times 3 =$

5. $5 \times 1\frac{3}{5} =$

6. $6 \div 3\frac{2}{5} =$

7. $1\frac{4}{9} \div 5 =$

8. $7 \div 1\frac{4}{7} =$

9. $3\frac{1}{2} \div 2 =$

10. $6 \div 2\frac{1}{3} =$

Multiplying and Dividing Whole Numbers and Fractions (F) Answers

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Score: _____

Calculate each result.

$$1. \quad 3\frac{3}{4} \times 6 = \frac{15}{4} \times \frac{6}{1} = \frac{90}{4} = \frac{45}{2} = 22\frac{1}{2}$$

$$2. \quad 3 \times 3\frac{3}{4} = \frac{3}{1} \times \frac{15}{4} = \frac{45}{4} = 11\frac{1}{4}$$

$$3. \quad 8 \times 1\frac{1}{2} = \frac{8}{1} \times \frac{3}{2} = \frac{24}{2} = 12$$

$$4. \quad 3\frac{6}{7} \times 3 = \frac{27}{7} \times \frac{3}{1} = \frac{81}{7} = 11\frac{4}{7}$$

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

$$6. \quad 6 \div 3\frac{2}{5} = \frac{6}{1} \div \frac{17}{5} = \frac{6}{1} \times \frac{5}{17} = \frac{30}{17} = 1\frac{13}{17}$$

$$7. \quad 1\frac{4}{9} \div 5 = \frac{13}{9} \div \frac{5}{1} = \frac{13}{9} \times \frac{1}{5} = \frac{13}{45}$$

$$8. \quad 7 \div 1\frac{4}{7} = \frac{7}{1} \div \frac{11}{7} = \frac{7}{1} \times \frac{7}{11} = \frac{49}{11} = 4\frac{5}{11}$$

$$9. \quad 3\frac{1}{2} \div 2 = \frac{7}{2} \div \frac{2}{1} = \frac{7}{2} \times \frac{1}{2} = \frac{7}{4} = 1\frac{3}{4}$$

$$10. \quad 6 \div 2\frac{1}{3} = \frac{6}{1} \div \frac{7}{3} = \frac{6}{1} \times \frac{3}{7} = \frac{18}{7} = 2\frac{4}{7}$$