

Multiplying and Dividing Whole Numbers and Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $6 \div 3\frac{3}{5} =$

5. $3\frac{3}{4} \div 6 =$

6. $2\frac{1}{4} \div 6 =$

7. $3\frac{1}{2} \times 2 =$

8. $6 \times 1\frac{1}{2} =$

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

10. $3\frac{7}{8} \times 6 =$

Multiplying and Dividing Whole Numbers and Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

$$3. \quad 6 \div 1\frac{1}{2} = \frac{6}{1} \div \frac{3}{2} = \frac{6}{1} \times \frac{2}{3} = \frac{12}{3} = 4$$

$$4. \quad 6 \div 3\frac{3}{5} = \frac{6}{1} \div \frac{18}{5} = \frac{6}{1} \times \frac{5}{18} = \frac{30}{18} = \frac{5}{3} = 1\frac{2}{3}$$

$$5. \quad 3\frac{3}{4} \div 6 = \frac{15}{4} \div \frac{6}{1} = \frac{15}{4} \times \frac{1}{6} = \frac{15}{24} = \frac{5}{8}$$

$$6. \quad 2\frac{1}{4} \div 6 = \frac{9}{4} \div \frac{6}{1} = \frac{9}{4} \times \frac{1}{6} = \frac{9}{24} = \frac{3}{8}$$

$$7. \quad 3\frac{1}{2} \times 2 = \frac{7}{2} \times \frac{2}{1} = \frac{14}{2} = 7$$

$$8. \quad 6 \times 1\frac{1}{2} = \frac{6}{1} \times \frac{3}{2} = \frac{18}{2} = 9$$

$$9. \quad 3 \times 2\frac{1}{3} = \frac{3}{1} \times \frac{7}{3} = \frac{21}{3} = 7$$

$$10. \quad 3\frac{7}{8} \times 6 = \frac{31}{8} \times \frac{6}{1} = \frac{186}{8} = \frac{93}{4} = 23\frac{1}{4}$$