

Multiplying and Dividing Whole Numbers and Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $2\frac{2}{3} \div 4 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

2. $2\frac{2}{7} \div 6 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

4. $2\frac{2}{3} \div 6 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

7. $1\frac{5}{6} \times 2 = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

8. $8 \div 1\frac{7}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---} = \text{---}$

9. $2 \times 1\frac{1}{8} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

10. $1\frac{3}{4} \times 4 = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Whole Numbers and Fractions (F) Answers

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Calculate each result.

$$1. \quad 2\frac{2}{3} \div 4 = \frac{8}{3} \div \frac{4}{1} = \frac{8}{3} \times \frac{1}{4} = \frac{8}{12} = \frac{2}{3}$$

$$2. \quad 2\frac{2}{7} \div 6 = \frac{16}{7} \div \frac{6}{1} = \frac{16}{7} \times \frac{1}{6} = \frac{16}{42} = \frac{8}{21}$$

$$3. \quad 9 \times 2\frac{1}{3} = \frac{9}{1} \times \frac{7}{3} = \frac{63}{3} = 21$$

$$4. \quad 2\frac{2}{3} \div 6 = \frac{8}{3} \div \frac{6}{1} = \frac{8}{3} \times \frac{1}{6} = \frac{8}{18} = \frac{4}{9}$$

$$5. \quad 8 \div 3\frac{1}{3} = \frac{8}{1} \div \frac{10}{3} = \frac{8}{1} \times \frac{3}{10} = \frac{24}{10} = \frac{12}{5} = 2\frac{2}{5}$$

$$6. \quad 1\frac{1}{2} \times 8 = \frac{3}{2} \times \frac{8}{1} = \frac{24}{2} = 12$$

$$7. \quad 1\frac{5}{6} \times 2 = \frac{11}{6} \times \frac{2}{1} = \frac{22}{6} = \frac{11}{3} = 3\frac{2}{3}$$

$$8. \quad 8 \div 1\frac{7}{9} = \frac{8}{1} \div \frac{16}{9} = \frac{8}{1} \times \frac{9}{16} = \frac{72}{16} = \frac{9}{2} = 4\frac{1}{2}$$

$$9. \quad 2 \times 1\frac{1}{8} = \frac{2}{1} \times \frac{9}{8} = \frac{18}{8} = \frac{9}{4} = 2\frac{1}{4}$$

$$10. \quad 1\frac{3}{4} \times 4 = \frac{7}{4} \times \frac{4}{1} = \frac{28}{4} = 7$$