

Multiplying and Dividing Whole Numbers and Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $2\frac{1}{4} \times 6 = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

2. $6 \times 3\frac{1}{3} = \text{---} \times \text{---} = \text{---} =$

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

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

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

6. $6 \div 1\frac{5}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

8. $1\frac{5}{9} \div 4 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

10. $3 \div 3\frac{3}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Whole Numbers and Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 2\frac{1}{4} \times 6 = \frac{9}{4} \times \frac{6}{1} = \frac{54}{4} = \frac{27}{2} = 13\frac{1}{2}$$

$$2. \quad 6 \times 3\frac{1}{3} = \frac{6}{1} \times \frac{10}{3} = \frac{60}{3} = 20$$

$$3. \quad 6 \times 2\frac{2}{3} = \frac{6}{1} \times \frac{8}{3} = \frac{48}{3} = 16$$

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

$$5. \quad 1\frac{1}{2} \times 6 = \frac{3}{2} \times \frac{6}{1} = \frac{18}{2} = 9$$

$$6. \quad 6 \div 1\frac{5}{9} = \frac{6}{1} \div \frac{14}{9} = \frac{6}{1} \times \frac{9}{14} = \frac{54}{14} = \frac{27}{7} = 3\frac{6}{7}$$

$$7. \quad 5 \div 2\frac{6}{7} = \frac{5}{1} \div \frac{20}{7} = \frac{5}{1} \times \frac{7}{20} = \frac{35}{20} = \frac{7}{4} = 1\frac{3}{4}$$

$$8. \quad 1\frac{5}{9} \div 4 = \frac{14}{9} \div \frac{4}{1} = \frac{14}{9} \times \frac{1}{4} = \frac{14}{36} = \frac{7}{18}$$

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

$$10. \quad 3 \div 3\frac{3}{5} = \frac{3}{1} \div \frac{18}{5} = \frac{3}{1} \times \frac{5}{18} = \frac{15}{18} = \frac{5}{6}$$