

Multiplying and Dividing Whole Numbers and Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $2\frac{1}{5} \times 3 = \text{---} \times \text{---} = \text{---} = \text{---}$

3. $8 \div 3\frac{5}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

4. $3\frac{1}{2} \div 6 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

5. $3\frac{7}{8} \times 4 = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

6. $3\frac{1}{5} \times 7 = \text{---} \times \text{---} = \text{---} = \text{---}$

7. $5 \times 2\frac{1}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

9. $2\frac{1}{7} \div 5 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $1\frac{1}{9} \div 3 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

Multiplying and Dividing Whole Numbers and Fractions (D) Answers

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Calculate each result.

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

$$2. \quad 2\frac{1}{5} \times 3 = \frac{11}{5} \times \frac{3}{1} = \frac{33}{5} = 6\frac{3}{5}$$

$$3. \quad 8 \div 3\frac{5}{9} = \frac{8}{1} \div \frac{32}{9} = \frac{8}{1} \times \frac{9}{32} = \frac{72}{32} = \frac{9}{4} = 2\frac{1}{4}$$

$$4. \quad 3\frac{1}{2} \div 6 = \frac{7}{2} \div \frac{6}{1} = \frac{7}{2} \times \frac{1}{6} = \frac{7}{12}$$

$$5. \quad 3\frac{7}{8} \times 4 = \frac{31}{8} \times \frac{4}{1} = \frac{124}{8} = \frac{31}{2} = 15\frac{1}{2}$$

$$6. \quad 3\frac{1}{5} \times 7 = \frac{16}{5} \times \frac{7}{1} = \frac{112}{5} = 22\frac{2}{5}$$

$$7. \quad 5 \times 2\frac{1}{3} = \frac{5}{1} \times \frac{7}{3} = \frac{35}{3} = 11\frac{2}{3}$$

$$8. \quad 2 \times 2\frac{1}{2} = \frac{2}{1} \times \frac{5}{2} = \frac{10}{2} = 5$$

$$9. \quad 2\frac{1}{7} \div 5 = \frac{15}{7} \div \frac{5}{1} = \frac{15}{7} \times \frac{1}{5} = \frac{15}{35} = \frac{3}{7}$$

$$10. \quad 1\frac{1}{9} \div 3 = \frac{10}{9} \div \frac{3}{1} = \frac{10}{9} \times \frac{1}{3} = \frac{10}{27}$$