

Multiplying and Dividing Whole Numbers and Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $2\frac{2}{9} \times 6 =$

3. $4 \times 1\frac{5}{6} =$

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

5. $6 \times 1\frac{7}{9} =$

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

7. $6 \div 1\frac{1}{2} =$

8. $8 \div 3\frac{1}{3} =$

9. $2\frac{2}{7} \div 8 =$

10. $3 \div 1\frac{4}{5} =$

Multiplying and Dividing Whole Numbers and Fractions (D) Answers

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Calculate each result.

$$1. 1\frac{1}{6} \times 4 = \frac{7}{6} \times \frac{4}{1} = \frac{28}{6} = \frac{14}{3} = 4\frac{2}{3}$$

$$2. 2\frac{2}{9} \times 6 = \frac{20}{9} \times \frac{6}{1} = \frac{120}{9} = \frac{40}{3} = 13\frac{1}{3}$$

$$3. 4 \times 1\frac{5}{6} = \frac{4}{1} \times \frac{11}{6} = \frac{44}{6} = \frac{22}{3} = 7\frac{1}{3}$$

$$4. 2 \times 3\frac{1}{2} = \frac{2}{1} \times \frac{7}{2} = \frac{14}{2} = 7$$

$$5. 6 \times 1\frac{7}{9} = \frac{6}{1} \times \frac{16}{9} = \frac{96}{9} = \frac{32}{3} = 10\frac{2}{3}$$

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

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

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

$$9. 2\frac{2}{7} \div 8 = \frac{16}{7} \div \frac{8}{1} = \frac{16}{7} \times \frac{1}{8} = \frac{16}{56} = \frac{2}{7}$$

$$10. 3 \div 1\frac{4}{5} = \frac{3}{1} \div \frac{9}{5} = \frac{3}{1} \times \frac{5}{9} = \frac{15}{9} = \frac{5}{3} = 1\frac{2}{3}$$