

Multiplying and Dividing Whole Numbers and Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $9 \div 3\frac{3}{5} =$

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

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

5. $2\frac{5}{7} \times 7 =$

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

7. $6 \times 2\frac{2}{9} =$

8. $2 \div 1\frac{1}{5} =$

9. $9 \div 2\frac{1}{4} =$

10. $4 \div 2\frac{2}{3} =$

Multiplying and Dividing Whole Numbers and Fractions (E) Answers

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Calculate each result.

$$1. \quad 6 \times 1\frac{1}{9} = \frac{6}{1} \times \frac{10}{9} = \frac{60}{9} = \frac{20}{3} = 6\frac{2}{3}$$

$$2. \quad 9 \div 3\frac{3}{5} = \frac{9}{1} \div \frac{18}{5} = \frac{9}{1} \times \frac{5}{18} = \frac{45}{18} = \frac{5}{2} = 2\frac{1}{2}$$

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

$$4. \quad 1\frac{4}{5} \times 5 = \frac{9}{5} \times \frac{5}{1} = \frac{45}{5} = 9$$

$$5. \quad 2\frac{5}{7} \times 7 = \frac{19}{7} \times \frac{7}{1} = \frac{133}{7} = 19$$

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

$$7. \quad 6 \times 2\frac{2}{9} = \frac{6}{1} \times \frac{20}{9} = \frac{120}{9} = \frac{40}{3} = 13\frac{1}{3}$$

$$8. \quad 2 \div 1\frac{1}{5} = \frac{2}{1} \div \frac{6}{5} = \frac{2}{1} \times \frac{5}{6} = \frac{10}{6} = \frac{5}{3} = 1\frac{2}{3}$$

$$9. \quad 9 \div 2\frac{1}{4} = \frac{9}{1} \div \frac{9}{4} = \frac{9}{1} \times \frac{4}{9} = \frac{36}{9} = 4$$

$$10. \quad 4 \div 2\frac{2}{3} = \frac{4}{1} \div \frac{8}{3} = \frac{4}{1} \times \frac{3}{8} = \frac{12}{8} = \frac{3}{2} = 1\frac{1}{2}$$