

Multiplying and Dividing Whole Numbers and Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $1\frac{4}{5} \div 9 =$

2. $5 \times 2\frac{3}{5} =$

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

4. $3\frac{1}{3} \div 8 =$

5. $1\frac{3}{5} \div 6 =$

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

7. $8 \times 1\frac{3}{4} =$

8. $1\frac{1}{2} \div 9 =$

9. $3\frac{7}{9} \div 2 =$

10. $8 \times 2\frac{3}{4} =$

Multiplying and Dividing Whole Numbers and Fractions (I) Answers

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Calculate each result.

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

$$2. 5 \times 2\frac{3}{5} = \frac{5}{1} \times \frac{13}{5} = \frac{65}{5} = 13$$

$$3. 9 \times 1\frac{2}{3} = \frac{9}{1} \times \frac{5}{3} = \frac{45}{3} = 15$$

$$4. 3\frac{1}{3} \div 8 = \frac{10}{3} \div \frac{8}{1} = \frac{10}{3} \times \frac{1}{8} = \frac{10}{24} = \frac{5}{12}$$

$$5. 1\frac{3}{5} \div 6 = \frac{8}{5} \div \frac{6}{1} = \frac{8}{5} \times \frac{1}{6} = \frac{8}{30} = \frac{4}{15}$$

$$6. 6 \times 1\frac{2}{3} = \frac{6}{1} \times \frac{5}{3} = \frac{30}{3} = 10$$

$$7. 8 \times 1\frac{3}{4} = \frac{8}{1} \times \frac{7}{4} = \frac{56}{4} = 14$$

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

$$9. 3\frac{7}{9} \div 2 = \frac{34}{9} \div \frac{2}{1} = \frac{34}{9} \times \frac{1}{2} = \frac{34}{18} = \frac{17}{9} = 1\frac{8}{9}$$

$$10. 8 \times 2\frac{3}{4} = \frac{8}{1} \times \frac{11}{4} = \frac{88}{4} = 22$$