

Multiplying and Dividing Whole Numbers and Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $9 \div 2\frac{6}{7} =$

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

3. $7 \div 2\frac{1}{5} =$

4. $1\frac{3}{7} \div 9 =$

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

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

7. $9 \div 1\frac{1}{3} =$

8. $1\frac{1}{2} \times 3 =$

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

10. $1\frac{3}{7} \times 9 =$

Multiplying and Dividing Whole Numbers and Fractions (J) Answers

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Calculate each result.

$$1. 9 \div 2\frac{6}{7} = \frac{9}{1} \div \frac{20}{7} = \frac{9}{1} \times \frac{7}{20} = \frac{63}{20} = 3\frac{3}{20}$$

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

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

$$4. 1\frac{3}{7} \div 9 = \frac{10}{7} \div \frac{9}{1} = \frac{10}{7} \times \frac{1}{9} = \frac{10}{63}$$

$$5. 3\frac{1}{2} \times 7 = \frac{7}{2} \times \frac{7}{1} = \frac{49}{2} = 24\frac{1}{2}$$

$$6. 3\frac{1}{3} \div 3 = \frac{10}{3} \div \frac{3}{1} = \frac{10}{3} \times \frac{1}{3} = \frac{10}{9} = 1\frac{1}{9}$$

$$7. 9 \div 1\frac{1}{3} = \frac{9}{1} \div \frac{4}{3} = \frac{9}{1} \times \frac{3}{4} = \frac{27}{4} = 6\frac{3}{4}$$

$$8. 1\frac{1}{2} \times 3 = \frac{3}{2} \times \frac{3}{1} = \frac{9}{2} = 4\frac{1}{2}$$

$$9. 3\frac{2}{3} \times 5 = \frac{11}{3} \times \frac{5}{1} = \frac{55}{3} = 18\frac{1}{3}$$

$$10. 1\frac{3}{7} \times 9 = \frac{10}{7} \times \frac{9}{1} = \frac{90}{7} = 12\frac{6}{7}$$