

Multiplying and Dividing Whole Numbers and Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

8. $1\frac{5}{8} \div 4 =$

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

10. $2 \div 3\frac{1}{2} =$

Multiplying and Dividing Whole Numbers and Fractions (I) Answers

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Calculate each result.

$$1. \quad 9 \div 1\frac{1}{4} = \frac{9}{1} \div \frac{5}{4} = \frac{9}{1} \times \frac{4}{5} = \frac{36}{5} = 7\frac{1}{5}$$

$$2. \quad 7 \div 2\frac{2}{3} = \frac{7}{1} \div \frac{8}{3} = \frac{7}{1} \times \frac{3}{8} = \frac{21}{8} = 2\frac{5}{8}$$

$$3. \quad 5 \div 1\frac{2}{7} = \frac{5}{1} \div \frac{9}{7} = \frac{5}{1} \times \frac{7}{9} = \frac{35}{9} = 3\frac{8}{9}$$

$$4. \quad 1\frac{2}{3} \times 6 = \frac{5}{3} \times \frac{6}{1} = \frac{30}{3} = 10$$

$$5. \quad 2\frac{1}{2} \times 7 = \frac{5}{2} \times \frac{7}{1} = \frac{35}{2} = 17\frac{1}{2}$$

$$6. \quad 2\frac{1}{2} \times 6 = \frac{5}{2} \times \frac{6}{1} = \frac{30}{2} = 15$$

$$7. \quad 2 \times 2\frac{6}{7} = \frac{2}{1} \times \frac{20}{7} = \frac{40}{7} = 5\frac{5}{7}$$

$$8. \quad 1\frac{5}{8} \div 4 = \frac{13}{8} \div \frac{4}{1} = \frac{13}{8} \times \frac{1}{4} = \frac{13}{32}$$

$$9. \quad 2\frac{1}{3} \times 3 = \frac{7}{3} \times \frac{3}{1} = \frac{21}{3} = 7$$

$$10. \quad 2 \div 3\frac{1}{2} = \frac{2}{1} \div \frac{7}{2} = \frac{2}{1} \times \frac{2}{7} = \frac{4}{7}$$