

Multiplying and Dividing Whole Numbers and Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

8. $2 \div 3\frac{4}{5} =$

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

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

Multiplying and Dividing Whole Numbers and Fractions (H) Answers

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Calculate each result.

$$1. \quad 2\frac{1}{4} \times 7 = \frac{9}{4} \times \frac{7}{1} = \frac{63}{4} = 15\frac{3}{4}$$

$$2. \quad 2\frac{3}{4} \times 9 = \frac{11}{4} \times \frac{9}{1} = \frac{99}{4} = 24\frac{3}{4}$$

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

$$4. \quad 3\frac{1}{2} \times 3 = \frac{7}{2} \times \frac{3}{1} = \frac{21}{2} = 10\frac{1}{2}$$

$$5. \quad 3 \times 1\frac{1}{4} = \frac{3}{1} \times \frac{5}{4} = \frac{15}{4} = 3\frac{3}{4}$$

$$6. \quad 2\frac{1}{8} \div 9 = \frac{17}{8} \div \frac{9}{1} = \frac{17}{8} \times \frac{1}{9} = \frac{17}{72}$$

$$7. \quad 2\frac{1}{2} \div 7 = \frac{5}{2} \div \frac{7}{1} = \frac{5}{2} \times \frac{1}{7} = \frac{5}{14}$$

$$8. \quad 2 \div 3\frac{4}{5} = \frac{2}{1} \div \frac{19}{5} = \frac{2}{1} \times \frac{5}{19} = \frac{10}{19}$$

$$9. \quad 2\frac{8}{9} \times 4 = \frac{26}{9} \times \frac{4}{1} = \frac{104}{9} = 11\frac{5}{9}$$

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