

Multiplying and Dividing Whole Numbers and Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $6 \times 1\frac{7}{8} =$

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

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

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

5. $3 \times 2\frac{1}{4} =$

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

7. $1\frac{5}{6} \div 2 =$

8. $8 \div 3\frac{5}{9} =$

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

10. $7 \div 1\frac{6}{7} =$

Multiplying and Dividing Whole Numbers and Fractions (H) Answers

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Date: _____

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Calculate each result.

$$1. 6 \times 1\frac{7}{8} = \frac{6}{1} \times \frac{15}{8} = \frac{90}{8} = \frac{45}{4} = 11\frac{1}{4}$$

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

$$3. 2\frac{1}{2} \times 3 = \frac{5}{2} \times \frac{3}{1} = \frac{15}{2} = 7\frac{1}{2}$$

$$4. 5 \times 3\frac{3}{4} = \frac{5}{1} \times \frac{15}{4} = \frac{75}{4} = 18\frac{3}{4}$$

$$5. 3 \times 2\frac{1}{4} = \frac{3}{1} \times \frac{9}{4} = \frac{27}{4} = 6\frac{3}{4}$$

$$6. 1\frac{1}{2} \div 8 = \frac{3}{2} \div \frac{8}{1} = \frac{3}{2} \times \frac{1}{8} = \frac{3}{16}$$

$$7. 1\frac{5}{6} \div 2 = \frac{11}{6} \div \frac{2}{1} = \frac{11}{6} \times \frac{1}{2} = \frac{11}{12}$$

$$8. 8 \div 3\frac{5}{9} = \frac{8}{1} \div \frac{32}{9} = \frac{8}{1} \times \frac{9}{32} = \frac{72}{32} = \frac{9}{4} = 2\frac{1}{4}$$

$$9. 1\frac{1}{3} \div 2 = \frac{4}{3} \div \frac{2}{1} = \frac{4}{3} \times \frac{1}{2} = \frac{4}{6} = \frac{2}{3}$$

$$10. 7 \div 1\frac{6}{7} = \frac{7}{1} \div \frac{13}{7} = \frac{7}{1} \times \frac{7}{13} = \frac{49}{13} = 3\frac{10}{13}$$