

Multiplying and Dividing Whole Numbers and Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $3\frac{1}{8} \div 3 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

3. $3\frac{2}{3} \div 3 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

5. $2\frac{3}{4} \div 5 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

6. $4 \div 1\frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

7. $6 \times 2\frac{1}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

9. $4 \times 1\frac{2}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $4 \times 2\frac{1}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Whole Numbers and Fractions (H) Answers

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Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{1}{8} \div 3 = \frac{25}{8} \div \frac{3}{1} = \frac{25}{8} \times \frac{1}{3} = \frac{25}{24} = 1\frac{1}{24}$$

$$2. \quad 6 \times 3\frac{1}{9} = \frac{6}{1} \times \frac{28}{9} = \frac{168}{9} = \frac{56}{3} = 18\frac{2}{3}$$

$$3. \quad 3\frac{2}{3} \div 3 = \frac{11}{3} \div \frac{3}{1} = \frac{11}{3} \times \frac{1}{3} = \frac{11}{9} = 1\frac{2}{9}$$

$$4. \quad 4 \div 3\frac{1}{2} = \frac{4}{1} \div \frac{7}{2} = \frac{4}{1} \times \frac{2}{7} = \frac{8}{7} = 1\frac{1}{7}$$

$$5. \quad 2\frac{3}{4} \div 5 = \frac{11}{4} \div \frac{5}{1} = \frac{11}{4} \times \frac{1}{5} = \frac{11}{20}$$

$$6. \quad 4 \div 1\frac{1}{2} = \frac{4}{1} \div \frac{3}{2} = \frac{4}{1} \times \frac{2}{3} = \frac{8}{3} = 2\frac{2}{3}$$

$$7. \quad 6 \times 2\frac{1}{6} = \frac{6}{1} \times \frac{13}{6} = \frac{78}{6} = 13$$

$$8. \quad 1\frac{3}{4} \times 3 = \frac{7}{4} \times \frac{3}{1} = \frac{21}{4} = 5\frac{1}{4}$$

$$9. \quad 4 \times 1\frac{2}{7} = \frac{4}{1} \times \frac{9}{7} = \frac{36}{7} = 5\frac{1}{7}$$

$$10. \quad 4 \times 2\frac{1}{7} = \frac{4}{1} \times \frac{15}{7} = \frac{60}{7} = 8\frac{4}{7}$$