

Multiplying and Dividing Whole Numbers and Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $7 \div 3\frac{2}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

2. $6 \div 3\frac{4}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

3. $2\frac{4}{5} \div 9 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

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

6. $1\frac{8}{9} \times 5 = \text{---} \times \text{---} = \text{---} = \text{---}$

7. $2 \times 3\frac{6}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

8. $3\frac{1}{7} \times 5 = \text{---} \times \text{---} = \text{---} = \text{---}$

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

10. $4 \times 3\frac{2}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Whole Numbers and Fractions (J) Answers

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Calculate each result.

$$1. 7 \div 3\frac{2}{3} = \frac{7}{1} \div \frac{11}{3} = \frac{7}{1} \times \frac{3}{11} = \frac{21}{11} = 1\frac{10}{11}$$

$$2. 6 \div 3\frac{4}{7} = \frac{6}{1} \div \frac{25}{7} = \frac{6}{1} \times \frac{7}{25} = \frac{42}{25} = 1\frac{17}{25}$$

$$3. 2\frac{4}{5} \div 9 = \frac{14}{5} \div \frac{9}{1} = \frac{14}{5} \times \frac{1}{9} = \frac{14}{45}$$

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

$$5. 7 \div 1\frac{1}{2} = \frac{7}{1} \div \frac{3}{2} = \frac{7}{1} \times \frac{2}{3} = \frac{14}{3} = 4\frac{2}{3}$$

$$6. 1\frac{8}{9} \times 5 = \frac{17}{9} \times \frac{5}{1} = \frac{85}{9} = 9\frac{4}{9}$$

$$7. 2 \times 3\frac{6}{7} = \frac{2}{1} \times \frac{27}{7} = \frac{54}{7} = 7\frac{5}{7}$$

$$8. 3\frac{1}{7} \times 5 = \frac{22}{7} \times \frac{5}{1} = \frac{110}{7} = 15\frac{5}{7}$$

$$9. 1\frac{1}{2} \times 9 = \frac{3}{2} \times \frac{9}{1} = \frac{27}{2} = 13\frac{1}{2}$$

$$10. 4 \times 3\frac{2}{3} = \frac{4}{1} \times \frac{11}{3} = \frac{44}{3} = 14\frac{2}{3}$$