

Multiplying and Dividing Whole Numbers and Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $6 \times 2\frac{4}{9} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

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

5. $6 \div 3\frac{5}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

6. $2 \div 1\frac{7}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

8. $6 \times 2\frac{1}{2} = \text{---} \times \text{---} = \text{---} =$

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

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

Multiplying and Dividing Whole Numbers and Fractions (J) Answers

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Calculate each result.

$$1. 6 \times 2\frac{4}{9} = \frac{6}{1} \times \frac{22}{9} = \frac{132}{9} = \frac{44}{3} = 14\frac{2}{3}$$

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

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

$$4. 9 \div 3\frac{3}{5} = \frac{9}{1} \div \frac{18}{5} = \frac{9}{1} \times \frac{5}{18} = \frac{45}{18} = \frac{5}{2} = 2\frac{1}{2}$$

$$5. 6 \div 3\frac{5}{7} = \frac{6}{1} \div \frac{26}{7} = \frac{6}{1} \times \frac{7}{26} = \frac{42}{26} = \frac{21}{13} = 1\frac{8}{13}$$

$$6. 2 \div 1\frac{7}{9} = \frac{2}{1} \div \frac{16}{9} = \frac{2}{1} \times \frac{9}{16} = \frac{18}{16} = \frac{9}{8} = 1\frac{1}{8}$$

$$7. 3\frac{1}{3} \div 2 = \frac{10}{3} \div \frac{2}{1} = \frac{10}{3} \times \frac{1}{2} = \frac{10}{6} = \frac{5}{3} = 1\frac{2}{3}$$

$$8. 6 \times 2\frac{1}{2} = \frac{6}{1} \times \frac{5}{2} = \frac{30}{2} = 15$$

$$9. 2\frac{1}{6} \times 9 = \frac{13}{6} \times \frac{9}{1} = \frac{117}{6} = \frac{39}{2} = 19\frac{1}{2}$$

$$10. 2\frac{1}{2} \times 2 = \frac{5}{2} \times \frac{2}{1} = \frac{10}{2} = 5$$