Multiplying and Dividing Whole Numbers and Fractions (J)

Name: _____ Date: _____ Score: _____

Calculate each result.

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

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

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

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

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

6. $1\frac{1}{3} \times 6 =$

7. $6 \div 2\frac{2}{3} =$

8. $3 \times 1\frac{4}{9} =$

9. $3\frac{3}{4} \div 3 =$

10. $4 \div 3\frac{1}{3} =$

Multiplying and Dividing Whole Numbers and Fractions (J) Answers

Name: _____ Date: _____ Score: _____

Calculate each result.

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

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

3. $8 \times 1\frac{1}{2} = \frac{8}{1} \times \frac{3}{2} = \frac{24}{2} = 12$

4. $5 \times 3\frac{4}{5} = \frac{5}{1} \times \frac{19}{5} = \frac{95}{5} = 19$

5. $3\frac{5}{9} \div 4 = \frac{32}{9} \div \frac{4}{1} = \frac{32}{9} \times \frac{1}{4} = \frac{32}{36} = \frac{8}{9}$

6. $1\frac{1}{3} \times 6 = \frac{4}{3} \times \frac{6}{1} = \frac{24}{3} = 8$

7. $6 \div 2\frac{2}{3} = \frac{6}{1} \div \frac{8}{3} = \frac{6}{1} \times \frac{3}{8} = \frac{18}{8} = \frac{9}{4} = 2\frac{1}{4}$

8. $3 \times 1\frac{4}{9} = \frac{3}{1} \times \frac{13}{9} = \frac{39}{9} = \frac{13}{3} = 4\frac{1}{3}$

9. $3\frac{3}{4} \div 3 = \frac{15}{4} \div \frac{3}{1} = \frac{15}{4} \times \frac{1}{3} = \frac{15}{12} = \frac{5}{4} = 1\frac{1}{4}$

10. $4 \div 3\frac{1}{3} = \frac{4}{1} \div \frac{10}{3} = \frac{4}{1} \times \frac{3}{10} = \frac{12}{10} = \frac{6}{5} = 1\frac{1}{5}$