Multiplying and Dividing Whole Numbers and Fractions (B)

Name: _____ Date: _____ Score: _____

Calculate each result.

1. $2 \div 3\dfrac{5}{7} =$

2. $5 \times 1\dfrac{3}{5} =$

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

4. $1\dfrac{1}{3} \div 2 =$

5. $1\dfrac{3}{4} \div 7 =$

6. $5 \div 3\dfrac{4}{7} =$

7. $6 \div 1\dfrac{1}{2} =$

8. $8 \times 2\dfrac{1}{2} =$

9. $6 \times 2\dfrac{2}{3} =$

10. $8 \times 2\dfrac{1}{4} =$

Multiplying and Dividing Whole Numbers and Fractions (B) Answers

Name: _____   Date: _____   Score: _____

Calculate each result.

1. $2 \div 3\frac{5}{7} = \frac{2}{1} \div \frac{26}{7} = \frac{2}{1} \times \frac{7}{26} = \frac{14}{26} = \frac{7}{13}$

2. $5 \times 1\frac{3}{5} = \frac{5}{1} \times \frac{8}{5} = \frac{40}{5} = 8$

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

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

5. $1\frac{3}{4} \div 7 = \frac{7}{4} \div \frac{7}{1} = \frac{7}{4} \times \frac{1}{7} = \frac{7}{28} = \frac{1}{4}$

6. $5 \div 3\frac{4}{7} = \frac{5}{1} \div \frac{25}{7} = \frac{5}{1} \times \frac{7}{25} = \frac{35}{25} = \frac{7}{5} = 1\frac{2}{5}$

7. $6 \div 1\frac{1}{2} = \frac{6}{1} \div \frac{3}{2} = \frac{6}{1} \times \frac{2}{3} = \frac{12}{3} = 4$

8. $8 \times 2\frac{1}{2} = \frac{8}{1} \times \frac{5}{2} = \frac{40}{2} = 20$

9. $6 \times 2\frac{2}{3} = \frac{6}{1} \times \frac{8}{3} = \frac{48}{3} = 16$

10. $8 \times 2\frac{1}{4} = \frac{8}{1} \times \frac{9}{4} = \frac{72}{4} = 18$

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