Multiplying Fractions (C)

Name:_____ Date:_____ Score:_____

Calculate each product.

1. $1\frac{1}{2} \times 3\frac{2}{5} = \text{—} \times \text{—} = \text{—} = \quad \text{—}$

2. $4\frac{1}{4} \times 4\frac{1}{2} = \text{—} \times \text{—} = \text{—} = \quad \text{—}$

3. $3\frac{7}{8} \times 1\frac{3}{4} = \text{—} \times \text{—} = \text{—} = \quad \text{—}$

4. $2\frac{1}{2} \times 2\frac{1}{2} = \text{—} \times \text{—} = \text{—} = \quad \text{—}$

5. $5\frac{2}{5} \times 1\frac{1}{2} = \text{—} \times \text{—} = \text{—} = \quad \text{—}$

6. $2\frac{1}{2} \times 4\frac{1}{2} = \text{—} \times \text{—} = \text{—} = \quad \text{—}$

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

8. $3\frac{1}{2} \times 3\frac{1}{4} = \text{—} \times \text{—} = \text{—} = \quad \text{—}$

9. $1\frac{3}{4} \times 4\frac{1}{2} = \text{—} \times \text{—} = \text{—} = \quad \text{—}$

10. $3\frac{5}{9} \times 3\frac{5}{7} = \text{—} \times \text{—} = \text{—} = \quad \text{—}$

Multiplying Fractions (C) Answers

Calculate each product.

1. $1\frac{1}{2} \times 3\frac{2}{5} = \frac{3}{2} \times \frac{17}{5} = \frac{51}{10} = 5\frac{1}{10}$

2. $4\frac{1}{4} \times 4\frac{1}{2} = \frac{17}{4} \times \frac{9}{2} = \frac{153}{8} = 19\frac{1}{8}$

3. $3\frac{7}{8} \times 1\frac{3}{4} = \frac{31}{8} \times \frac{7}{4} = \frac{217}{32} = 6\frac{25}{32}$

4. $2\frac{1}{2} \times 2\frac{1}{2} = \frac{5}{2} \times \frac{5}{2} = \frac{25}{4} = 6\frac{1}{4}$

5. $5\frac{2}{5} \times 1\frac{1}{2} = \frac{27}{5} \times \frac{3}{2} = \frac{81}{10} = 8\frac{1}{10}$

6. $2\frac{1}{2} \times 4\frac{1}{2} = \frac{5}{2} \times \frac{9}{2} = \frac{45}{4} = 11\frac{1}{4}$

7. $4\frac{3}{5} \times 1\frac{1}{8} = \frac{23}{5} \times \frac{9}{8} = \frac{207}{40} = 5\frac{7}{40}$

8. $3\frac{1}{2} \times 3\frac{1}{4} = \frac{7}{2} \times \frac{13}{4} = \frac{91}{8} = 11\frac{3}{8}$

9. $1\frac{3}{4} \times 4\frac{1}{2} = \frac{7}{4} \times \frac{9}{2} = \frac{63}{8} = 7\frac{7}{8}$

10. $3\frac{5}{9} \times 3\frac{5}{7} = \frac{32}{9} \times \frac{26}{7} = \frac{832}{63} = 13\frac{13}{63}$