

Multiplying Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each product.

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

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

3. $5\frac{5}{8} \times 2\frac{7}{9} =$

4. $3\frac{1}{9} \times 5\frac{1}{6} =$

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

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

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

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

9. $3\frac{1}{2} \times 5\frac{1}{3} =$

10. $4\frac{5}{6} \times 4\frac{1}{2} =$

Multiplying Fractions (D) Answers

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Calculate each product.

$$1. \quad 2\frac{1}{4} \times 4\frac{2}{9} = \frac{9}{4} \times \frac{38}{9} = \frac{342}{36} = \frac{19}{2} = 9\frac{1}{2}$$

$$2. \quad 2\frac{3}{8} \times 1\frac{1}{7} = \frac{19}{8} \times \frac{8}{7} = \frac{152}{56} = \frac{19}{7} = 2\frac{5}{7}$$

$$3. \quad 5\frac{5}{8} \times 2\frac{7}{9} = \frac{45}{8} \times \frac{25}{9} = \frac{1125}{72} = \frac{125}{8} = 15\frac{5}{8}$$

$$4. \quad 3\frac{1}{9} \times 5\frac{1}{6} = \frac{28}{9} \times \frac{31}{6} = \frac{868}{54} = \frac{434}{27} = 16\frac{2}{27}$$

$$5. \quad 3\frac{2}{3} \times 2\frac{1}{4} = \frac{11}{3} \times \frac{9}{4} = \frac{99}{12} = \frac{33}{4} = 8\frac{1}{4}$$

$$6. \quad 2\frac{5}{6} \times 1\frac{1}{2} = \frac{17}{6} \times \frac{3}{2} = \frac{51}{12} = \frac{17}{4} = 4\frac{1}{4}$$

$$7. \quad 3\frac{5}{7} \times 4\frac{1}{4} = \frac{26}{7} \times \frac{17}{4} = \frac{442}{28} = \frac{221}{14} = 15\frac{11}{14}$$

$$8. \quad 2\frac{1}{3} \times 3\frac{2}{7} = \frac{7}{3} \times \frac{23}{7} = \frac{161}{21} = \frac{23}{3} = 7\frac{2}{3}$$

$$9. \quad 3\frac{1}{2} \times 5\frac{1}{3} = \frac{7}{2} \times \frac{16}{3} = \frac{112}{6} = \frac{56}{3} = 18\frac{2}{3}$$

$$10. \quad 4\frac{5}{6} \times 4\frac{1}{2} = \frac{29}{6} \times \frac{9}{2} = \frac{261}{12} = \frac{87}{4} = 21\frac{3}{4}$$