

Multiplying Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each product.

1. $2\frac{6}{7} \times 5\frac{1}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

2. $1\frac{5}{8} \times 1\frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

3. $3\frac{5}{6} \times 2\frac{1}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

4. $2\frac{1}{8} \times 1\frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

7. $4\frac{3}{5} \times 3\frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

8. $4\frac{1}{2} \times 2\frac{1}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

9. $1\frac{4}{5} \times 1\frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $1\frac{1}{3} \times 4\frac{7}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying Fractions (E) Answers

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Calculate each product.

$$1. \quad 2\frac{6}{7} \times 5\frac{1}{7} = \frac{20}{7} \times \frac{36}{7} = \frac{720}{49} = 14\frac{34}{49}$$

$$2. \quad 1\frac{5}{8} \times 1\frac{1}{2} = \frac{13}{8} \times \frac{3}{2} = \frac{39}{16} = 2\frac{7}{16}$$

$$3. \quad 3\frac{5}{6} \times 2\frac{1}{3} = \frac{23}{6} \times \frac{7}{3} = \frac{161}{18} = 8\frac{17}{18}$$

$$4. \quad 2\frac{1}{8} \times 1\frac{1}{2} = \frac{17}{8} \times \frac{3}{2} = \frac{51}{16} = 3\frac{3}{16}$$

$$5. \quad 4\frac{1}{2} \times 3\frac{1}{2} = \frac{9}{2} \times \frac{7}{2} = \frac{63}{4} = 15\frac{3}{4}$$

$$6. \quad 5\frac{1}{5} \times 4\frac{1}{3} = \frac{26}{5} \times \frac{13}{3} = \frac{338}{15} = 22\frac{8}{15}$$

$$7. \quad 4\frac{3}{5} \times 3\frac{1}{2} = \frac{23}{5} \times \frac{7}{2} = \frac{161}{10} = 16\frac{1}{10}$$

$$8. \quad 4\frac{1}{2} \times 2\frac{1}{5} = \frac{9}{2} \times \frac{11}{5} = \frac{99}{10} = 9\frac{9}{10}$$

$$9. \quad 1\frac{4}{5} \times 1\frac{1}{2} = \frac{9}{5} \times \frac{3}{2} = \frac{27}{10} = 2\frac{7}{10}$$

$$10. \quad 1\frac{1}{3} \times 4\frac{7}{9} = \frac{4}{3} \times \frac{43}{9} = \frac{172}{27} = 6\frac{10}{27}$$