

Multiplying Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each product.

1. $\frac{15}{4} \times \frac{4}{9} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

2. $1\frac{1}{3} \times \frac{19}{8} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

4. $1\frac{1}{2} \times \frac{15}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

7. $\frac{25}{9} \times 1\frac{1}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

9. $\frac{31}{9} \times 3\frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $\frac{26}{7} \times 2\frac{1}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying Fractions (H) Answers

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Calculate each product.

$$1. \quad \frac{15}{4} \times \frac{4}{9} = \frac{15}{4} \times \frac{4}{9} = \frac{60}{36} = \frac{5}{3} = 1\frac{2}{3}$$

$$2. \quad 1\frac{1}{3} \times \frac{19}{8} = \frac{4}{3} \times \frac{19}{8} = \frac{76}{24} = \frac{19}{6} = 3\frac{1}{6}$$

$$3. \quad \frac{7}{2} \times 3\frac{3}{4} = \frac{7}{2} \times \frac{15}{4} = \frac{105}{8} = 13\frac{1}{8}$$

$$4. \quad 1\frac{1}{2} \times \frac{15}{4} = \frac{3}{2} \times \frac{15}{4} = \frac{45}{8} = 5\frac{5}{8}$$

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

$$6. \quad 1\frac{1}{2} \times \frac{5}{3} = \frac{3}{2} \times \frac{5}{3} = \frac{15}{6} = \frac{5}{2} = 2\frac{1}{2}$$

$$7. \quad \frac{25}{9} \times 1\frac{1}{3} = \frac{25}{9} \times \frac{4}{3} = \frac{100}{27} = 3\frac{19}{27}$$

$$8. \quad \frac{1}{2} \times 2\frac{1}{6} = \frac{1}{2} \times \frac{13}{6} = \frac{13}{12} = 1\frac{1}{12}$$

$$9. \quad \frac{31}{9} \times 3\frac{1}{2} = \frac{31}{9} \times \frac{7}{2} = \frac{217}{18} = 12\frac{1}{18}$$

$$10. \quad \frac{26}{7} \times 2\frac{1}{7} = \frac{26}{7} \times \frac{15}{7} = \frac{390}{49} = 7\frac{47}{49}$$