

Multiplying Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each product.

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

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

3. $\frac{13}{8} \times 1\frac{1}{8} = \text{---} \times \text{---} = \text{---} = \text{---}$

4. $\frac{15}{4} \times \frac{5}{2} = \text{---} = \text{---}$

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

6. $2\frac{7}{9} \times 2\frac{2}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

7. $\frac{19}{5} \times 3\frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

9. $\frac{1}{2} \times \frac{11}{3} = \text{---} = \text{---}$

10. $2\frac{7}{8} \times \frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying Fractions (B) Answers

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Calculate each product.

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

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

$$3. \quad \frac{13}{8} \times 1\frac{1}{8} = \frac{13}{8} \times \frac{9}{8} = \frac{117}{64} = 1\frac{53}{64}$$

$$4. \quad \frac{15}{4} \times \frac{5}{2} = \frac{75}{8} = 9\frac{3}{8}$$

$$5. \quad 1\frac{1}{3} \times 1\frac{1}{3} = \frac{4}{3} \times \frac{4}{3} = \frac{16}{9} = 1\frac{7}{9}$$

$$6. \quad 2\frac{7}{9} \times 2\frac{2}{9} = \frac{25}{9} \times \frac{20}{9} = \frac{500}{81} = 6\frac{14}{81}$$

$$7. \quad \frac{19}{5} \times 3\frac{1}{2} = \frac{19}{5} \times \frac{7}{2} = \frac{133}{10} = 13\frac{3}{10}$$

$$8. \quad 1\frac{3}{7} \times \frac{8}{3} = \frac{10}{7} \times \frac{8}{3} = \frac{80}{21} = 3\frac{17}{21}$$

$$9. \quad \frac{1}{2} \times \frac{11}{3} = \frac{11}{6} = 1\frac{5}{6}$$

$$10. \quad 2\frac{7}{8} \times \frac{1}{2} = \frac{23}{8} \times \frac{1}{2} = \frac{23}{16} = 1\frac{7}{16}$$