

Multiplying Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each product.

1. $5\frac{8}{9} \times 3\frac{1}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

2. $4\frac{5}{9} \times 4\frac{2}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

6. $5\frac{2}{5} \times 1\frac{1}{8} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

10. $3\frac{6}{7} \times 2\frac{1}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying Fractions (B) Answers

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Calculate each product.

$$1. \quad 5\frac{8}{9} \times 3\frac{1}{3} = \frac{53}{9} \times \frac{10}{3} = \frac{530}{27} = 19\frac{17}{27}$$

$$2. \quad 4\frac{5}{9} \times 4\frac{2}{3} = \frac{41}{9} \times \frac{14}{3} = \frac{574}{27} = 21\frac{7}{27}$$

$$3. \quad 1\frac{3}{4} \times 1\frac{2}{9} = \frac{7}{4} \times \frac{11}{9} = \frac{77}{36} = 2\frac{5}{36}$$

$$4. \quad 5\frac{2}{3} \times 3\frac{1}{2} = \frac{17}{3} \times \frac{7}{2} = \frac{119}{6} = 19\frac{5}{6}$$

$$5. \quad 2\frac{5}{7} \times 5\frac{2}{5} = \frac{19}{7} \times \frac{27}{5} = \frac{513}{35} = 14\frac{23}{35}$$

$$6. \quad 5\frac{2}{5} \times 1\frac{1}{8} = \frac{27}{5} \times \frac{9}{8} = \frac{243}{40} = 6\frac{3}{40}$$

$$7. \quad 2\frac{1}{3} \times 3\frac{7}{8} = \frac{7}{3} \times \frac{31}{8} = \frac{217}{24} = 9\frac{1}{24}$$

$$8. \quad 4\frac{4}{7} \times 5\frac{1}{3} = \frac{32}{7} \times \frac{16}{3} = \frac{512}{21} = 24\frac{8}{21}$$

$$9. \quad 3\frac{2}{3} \times 3\frac{1}{2} = \frac{11}{3} \times \frac{7}{2} = \frac{77}{6} = 12\frac{5}{6}$$

$$10. \quad 3\frac{6}{7} \times 2\frac{1}{7} = \frac{27}{7} \times \frac{15}{7} = \frac{405}{49} = 8\frac{13}{49}$$