

Multiplying Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each product.

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

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

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

4. $3\frac{4}{5} \times 2\frac{3}{8} =$

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

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

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

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

9. $2\frac{3}{7} \times 1\frac{5}{7} =$

10. $2\frac{5}{9} \times 2\frac{1}{2} =$

Multiplying Fractions (F) Answers

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Calculate each product.

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

$$2. \quad 2\frac{1}{8} \times 4\frac{1}{2} = \frac{17}{8} \times \frac{9}{2} = \frac{153}{16} = 9\frac{9}{16}$$

$$3. \quad 1\frac{1}{2} \times 4\frac{3}{4} = \frac{3}{2} \times \frac{19}{4} = \frac{57}{8} = 7\frac{1}{8}$$

$$4. \quad 3\frac{4}{5} \times 2\frac{3}{8} = \frac{19}{5} \times \frac{19}{8} = \frac{361}{40} = 9\frac{1}{40}$$

$$5. \quad 4\frac{1}{2} \times 2\frac{1}{2} = \frac{9}{2} \times \frac{5}{2} = \frac{45}{4} = 11\frac{1}{4}$$

$$6. \quad 2\frac{1}{2} \times 2\frac{5}{8} = \frac{5}{2} \times \frac{21}{8} = \frac{105}{16} = 6\frac{9}{16}$$

$$7. \quad 2\frac{3}{7} \times 4\frac{1}{4} = \frac{17}{7} \times \frac{17}{4} = \frac{289}{28} = 10\frac{9}{28}$$

$$8. \quad 2\frac{1}{2} \times 3\frac{2}{3} = \frac{5}{2} \times \frac{11}{3} = \frac{55}{6} = 9\frac{1}{6}$$

$$9. \quad 2\frac{3}{7} \times 1\frac{5}{7} = \frac{17}{7} \times \frac{12}{7} = \frac{204}{49} = 4\frac{8}{49}$$

$$10. \quad 2\frac{5}{9} \times 2\frac{1}{2} = \frac{23}{9} \times \frac{5}{2} = \frac{115}{18} = 6\frac{7}{18}$$