

Multiplying Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each product.

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

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

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

4. $1\frac{1}{6} \times 3\frac{3}{7} =$

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

6. $5\frac{2}{5} \times 3\frac{4}{7} =$

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

8. $3\frac{1}{2} \times 5\frac{1}{7} =$

9. $4\frac{1}{3} \times 1\frac{7}{8} =$

10. $5\frac{3}{4} \times 3\frac{3}{5} =$

Multiplying Fractions (I) Answers

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Calculate each product.

$$1. \quad 1\frac{1}{6} \times 5\frac{1}{5} = \frac{7}{6} \times \frac{26}{5} = \frac{182}{30} = \frac{91}{15} = 6\frac{1}{15}$$

$$2. \quad 4\frac{1}{4} \times 5\frac{1}{5} = \frac{17}{4} \times \frac{26}{5} = \frac{442}{20} = \frac{221}{10} = 22\frac{1}{10}$$

$$3. \quad 1\frac{2}{3} \times 1\frac{2}{7} = \frac{5}{3} \times \frac{9}{7} = \frac{45}{21} = \frac{15}{7} = 2\frac{1}{7}$$

$$4. \quad 1\frac{1}{6} \times 3\frac{3}{7} = \frac{7}{6} \times \frac{24}{7} = \frac{168}{42} = 4$$

$$5. \quad 1\frac{5}{7} \times 4\frac{2}{3} = \frac{12}{7} \times \frac{14}{3} = \frac{168}{21} = 8$$

$$6. \quad 5\frac{2}{5} \times 3\frac{4}{7} = \frac{27}{5} \times \frac{25}{7} = \frac{675}{35} = \frac{135}{7} = 19\frac{2}{7}$$

$$7. \quad 2\frac{1}{2} \times 4\frac{4}{7} = \frac{5}{2} \times \frac{32}{7} = \frac{160}{14} = \frac{80}{7} = 11\frac{3}{7}$$

$$8. \quad 3\frac{1}{2} \times 5\frac{1}{7} = \frac{7}{2} \times \frac{36}{7} = \frac{252}{14} = 18$$

$$9. \quad 4\frac{1}{3} \times 1\frac{7}{8} = \frac{13}{3} \times \frac{15}{8} = \frac{195}{24} = \frac{65}{8} = 8\frac{1}{8}$$

$$10. \quad 5\frac{3}{4} \times 3\frac{3}{5} = \frac{23}{4} \times \frac{18}{5} = \frac{414}{20} = \frac{207}{10} = 20\frac{7}{10}$$