

Multiplying Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each product.

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

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

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

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

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

6. $1\frac{1}{7} \times 3\frac{4}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

8. $4\frac{4}{5} \times 1\frac{2}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

9. $5\frac{1}{2} \times 3\frac{1}{8} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $3\frac{3}{8} \times 4\frac{3}{8} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying Fractions (E) Answers

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Calculate each product.

$$1. \quad 3\frac{2}{3} \times 4\frac{1}{5} = \frac{11}{3} \times \frac{21}{5} = \frac{231}{15} = \frac{77}{5} = 15\frac{2}{5}$$

$$2. \quad 4\frac{1}{4} \times 3\frac{5}{7} = \frac{17}{4} \times \frac{26}{7} = \frac{442}{28} = \frac{221}{14} = 15\frac{11}{14}$$

$$3. \quad 3\frac{6}{7} \times 4\frac{4}{7} = \frac{27}{7} \times \frac{32}{7} = \frac{864}{49} = 17\frac{31}{49}$$

$$4. \quad 2\frac{1}{2} \times 3\frac{1}{3} = \frac{5}{2} \times \frac{10}{3} = \frac{50}{6} = \frac{25}{3} = 8\frac{1}{3}$$

$$5. \quad 5\frac{1}{5} \times 2\frac{1}{2} = \frac{26}{5} \times \frac{5}{2} = \frac{130}{10} = 13$$

$$6. \quad 1\frac{1}{7} \times 3\frac{4}{5} = \frac{8}{7} \times \frac{19}{5} = \frac{152}{35} = 4\frac{12}{35}$$

$$7. \quad 3\frac{1}{4} \times 3\frac{2}{5} = \frac{13}{4} \times \frac{17}{5} = \frac{221}{20} = 11\frac{1}{20}$$

$$8. \quad 4\frac{4}{5} \times 1\frac{2}{3} = \frac{24}{5} \times \frac{5}{3} = \frac{120}{15} = 8$$

$$9. \quad 5\frac{1}{2} \times 3\frac{1}{8} = \frac{11}{2} \times \frac{25}{8} = \frac{275}{16} = 17\frac{3}{16}$$

$$10. \quad 3\frac{3}{8} \times 4\frac{3}{8} = \frac{27}{8} \times \frac{35}{8} = \frac{945}{64} = 14\frac{49}{64}$$