



Multiplying Fractions

Unit 7, Station 3, Round 2, Task 3

Solve each problem. Answer as a mixed fraction (if possible). Reduce if

1) $1\frac{2}{5} \times 1\frac{2}{5} =$

$$\frac{7}{5} \times \frac{7}{5} = \frac{49}{25}$$

2) $\frac{2}{5} \times \frac{2}{3} =$

$$\frac{2}{5} \times \frac{2}{3} = \frac{4}{15}$$

3) $3\frac{1}{5} \times 1\frac{2}{3} =$

$$\frac{16}{5} \times \frac{5}{3} = \frac{80}{15}$$

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

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

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

$$\frac{5}{4} \times \frac{11}{5} = \frac{55}{20}$$

6) $\frac{1}{2} \times \frac{1}{2} =$

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

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

$$\frac{9}{5} \times \frac{7}{3} = \frac{63}{15}$$

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

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

9) $1\frac{1}{5} \times 1\frac{1}{2} =$

$$\frac{6}{5} \times \frac{3}{2} = \frac{18}{10}$$

10) $\frac{1}{3} \times \frac{3}{4} =$

$$\frac{1}{3} \times \frac{3}{4} = \frac{3}{12}$$

11) $2\frac{1}{5} \times 2\frac{1}{4} =$

$$\frac{11}{5} \times \frac{9}{4} = \frac{99}{20}$$

12) $\frac{1}{5} \times \frac{1}{2} =$

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

1. $1\frac{24}{25}$

2. $\frac{4}{15}$

3. $5\frac{5}{15} = 5\frac{1}{3}$

4. $\frac{2}{9}$

5. $2\frac{15}{20} = 2\frac{3}{4}$

6. $\frac{1}{4}$

7. $4\frac{3}{15} = 4\frac{1}{5}$

8. $\frac{2}{9}$

9. $1\frac{8}{10} = 1\frac{4}{5}$

10. $\frac{3}{12} = \frac{1}{4}$

11. $4\frac{19}{20}$

12. $\frac{1}{10}$