



Multiplying Fractions

Unit 7, Station 3, Round 3.

Task 3

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

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

$$\frac{3}{2} \times \frac{12}{5} = \frac{36}{10}$$

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

$$\frac{2}{5} \times \frac{1}{3} = \frac{2}{15}$$

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

$$\frac{8}{3} \times \frac{8}{3} = \frac{64}{9}$$

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

$$\frac{1}{5} \times \frac{2}{4} = \frac{2}{20}$$

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

$$\frac{7}{2} \times \frac{5}{3} = \frac{35}{6}$$

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

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

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

$$\frac{13}{4} \times \frac{8}{3} = \frac{104}{12}$$

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

$$\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$$

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

$$\frac{7}{3} \times \frac{5}{2} = \frac{35}{6}$$

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

$$\frac{1}{5} \times \frac{2}{5} = \frac{2}{25}$$

11) $3\frac{1}{2} \times 2\frac{2}{3} =$

$$\frac{7}{2} \times \frac{8}{3} = \frac{56}{6}$$

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

$$\frac{2}{3} \times \frac{1}{4} = \frac{2}{12}$$

1. $3\frac{6}{10} = 3\frac{3}{5}$

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

3. $7\frac{1}{9}$

4. $\frac{2}{20} = \frac{1}{10}$

5. $5\frac{5}{6}$

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

7. $8\frac{8}{12} = 8\frac{2}{3}$

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

9. $5\frac{5}{6}$

10. $\frac{2}{25}$

11. $9\frac{2}{6} = 9\frac{1}{3}$

12. $\frac{2}{12} = \frac{1}{6}$