

Name:

Date:

## Fraction Multiplication

## Mystery Puzzle:

|                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |
|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| $7 \times \frac{2}{3}$ | $8 \times \frac{3}{5}$ | $6 \times \frac{7}{8}$ | $8 \times \frac{3}{5}$ | $8 \times \frac{3}{5}$ | $8 \times \frac{5}{8}$ | $8 \times \frac{3}{5}$ | $7 \times \frac{6}{8}$ | $9 \times \frac{2}{4}$ | $7 \times \frac{3}{4}$ |
| $5 \times \frac{7}{8}$ | $7 \times \frac{3}{4}$ | $9 \times \frac{2}{4}$ | $3 \times \frac{2}{4}$ | $2 \times \frac{3}{5}$ | $2 \times \frac{2}{3}$ | $5 \times \frac{7}{8}$ | $7 \times \frac{2}{3}$ | $6 \times \frac{5}{6}$ | $6 \times \frac{7}{8}$ |
| $7 \times \frac{6}{8}$ | $7 \times \frac{2}{3}$ | $2 \times \frac{3}{4}$ | $8 \times \frac{1}{4}$ | $3 \times \frac{2}{3}$ | $5 \times \frac{1}{8}$ | $1 \times \frac{3}{8}$ | $7 \times \frac{2}{3}$ | $6 \times \frac{7}{8}$ | $9 \times \frac{4}{8}$ |
| $9 \times \frac{2}{4}$ | $5 \times \frac{3}{4}$ | $8 \times \frac{2}{5}$ | $8 \times \frac{1}{3}$ | $5 \times \frac{2}{4}$ | $8 \times \frac{1}{3}$ | $7 \times \frac{2}{4}$ | $8 \times \frac{3}{5}$ | $5 \times \frac{1}{8}$ | $6 \times \frac{1}{4}$ |
| $4 \times \frac{1}{4}$ | $6 \times \frac{3}{6}$ | $7 \times \frac{1}{5}$ | $6 \times \frac{3}{5}$ | $5 \times \frac{2}{4}$ | $4 \times \frac{6}{8}$ | $8 \times \frac{2}{4}$ | $9 \times \frac{1}{4}$ | $5 \times \frac{4}{6}$ | $5 \times \frac{7}{8}$ |
| $8 \times \frac{1}{4}$ | $5 \times \frac{3}{4}$ | $5 \times \frac{2}{4}$ | $8 \times \frac{2}{5}$ | $5 \times \frac{5}{8}$ | $5 \times \frac{4}{8}$ | $6 \times \frac{3}{5}$ | $5 \times \frac{2}{4}$ | $3 \times \frac{2}{3}$ | $2 \times \frac{2}{3}$ |
| $8 \times \frac{3}{5}$ | $5 \times \frac{7}{8}$ | $4 \times \frac{3}{5}$ | $9 \times \frac{1}{4}$ | $4 \times \frac{3}{5}$ | $4 \times \frac{3}{4}$ | $5 \times \frac{3}{4}$ | $6 \times \frac{3}{6}$ | $5 \times \frac{3}{4}$ | $7 \times \frac{3}{4}$ |
| $6 \times \frac{7}{8}$ | $6 \times \frac{7}{8}$ | $1 \times \frac{3}{5}$ | $3 \times \frac{2}{4}$ | $7 \times \frac{1}{8}$ | $5 \times \frac{1}{8}$ | $7 \times \frac{5}{6}$ | $8 \times \frac{5}{8}$ | $4 \times \frac{1}{4}$ | $7 \times \frac{1}{5}$ |
| $7 \times \frac{6}{8}$ | $8 \times \frac{3}{5}$ | $7 \times \frac{2}{3}$ | $4 \times \frac{1}{4}$ | $5 \times \frac{1}{8}$ | $9 \times \frac{2}{3}$ | $9 \times \frac{2}{4}$ | $6 \times \frac{7}{8}$ | $9 \times \frac{2}{4}$ | $7 \times \frac{2}{3}$ |
| $6 \times \frac{7}{8}$ | $8 \times \frac{3}{4}$ | $5 \times \frac{7}{8}$ | $8 \times \frac{3}{5}$ | $5 \times \frac{7}{8}$ | $7 \times \frac{3}{4}$ | $7 \times \frac{3}{4}$ | $7 \times \frac{3}{4}$ | $6 \times \frac{5}{6}$ | $8 \times \frac{3}{5}$ |

Key:

|                            |        |
|----------------------------|--------|
| Greater than 0 and up to 2 | Red    |
| Greater than 2 and up to 4 | Orange |
| Greater than 4 and up to 6 | Blue   |