

Cuisenaire Rod Fractions 2

For each fraction multiplication below choose the **most efficient** way to solve the problem. Use the properties of multiplication and create a Cuisenaire rod diagram of your solution.

1. Four fifths of one half $\frac{4}{5} \times \frac{1}{2} = [\quad]$

2. Eight ninths of one eighth $\frac{8}{9} \times \frac{1}{8} = [\quad]$

3. Four ninths of three quarters $\frac{4}{9} \times \frac{3}{4} = [\quad]$

4. Three quarters of one half of two thirds $\frac{3}{4} \times \frac{1}{2} \times \frac{2}{3} = [\quad]$

5. Two thirds of nine quarters of two thirds $\frac{2}{3} \times \frac{9}{4} \times \frac{2}{3} = [\quad]$

6. One half of eight fifths of one half $\frac{1}{2} \times \frac{8}{5} \times \frac{1}{2} = [\quad]$

7. One fifth of three halves $\frac{1}{5} \times \frac{3}{2} = [\quad]$

8. Two thirds of three and three quarters $\frac{2}{3} \times 3\frac{3}{4} = [\quad]$