Year 6 - Multiplying Fractions — Lesson Guide

Step 1

$\frac{2}{4} \times \frac{2}{3} =$ ☐

First, we circle the multiplication sign so we know to multiply.

Step 2

$\frac{2}{4} \times \frac{2}{3} =$ ☐

Read 2/4 × 2/3 as 2 quarters of 2 thirds. Split each part of size 1/3 into 4 equal pieces. This makes 12 equal pieces in one whole. The denominators give the size of each piece. The numerators tell us how many pieces to take.

Step 3

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

We multiply the numerators. 2 × 2 = 4. We write 4 above the fraction line in the answer box.

Step 4

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

Remember: For multiplication, multiply the denominators as well as the numerators.

We multiply the denominators. 4 × 3 = 12. We write 12 below the fraction line. Our product is 4/12.

Step 5

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

We can divide the numerator and denominator by 4. 4/12 is equivalent to 1/3. We write 1/3 in the answer box in its simplest form.