

Explain the mistake

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

$$\frac{3}{4} \times 5 = \frac{15}{20}$$

The pieces stay as quarters.
You only multiply the numerator, not the denominator.

This means order these calculations from the easiest to solve to the hardest.

Rank by difficulty

$$\frac{1}{4} \times 5$$

$$\frac{3}{10} \times 3$$

This is up to you!

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

How many ways?

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

$$\rightarrow 3 \frac{3}{4} = \frac{15}{4}$$

Level 1: I can find a way

Level 2: I can find different ways

Level 3: I know how many ways there are

Here are the possibilities we found:

$$\frac{1}{4} \times 15$$

$$\frac{3}{4} \times 5$$

$$\frac{15}{4} \times 1$$

$$\frac{5}{4} \times 3$$

So the numbers need to multiply together to make 15.