Year 4 - Finding Fractions of Amounts (Non-unit) — Lesson Guide

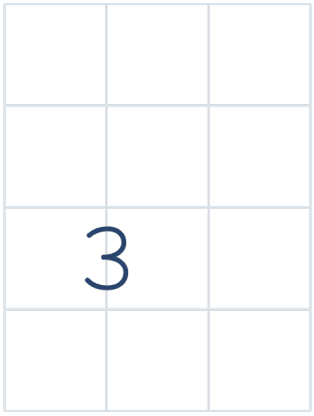
Step 1

Find $\frac{3}{4}$ of 12 = ☐

3/4 means we want 3 out of 4 equal parts. The denominator, 4, tells us how many equal parts make the whole. The numerator, 3, tells us how many of those parts we want. We want fewer than all 4 equal parts, so our answer must be less than 12.

Step 2

Find $\frac{3}{4}$ of 12 = ☐

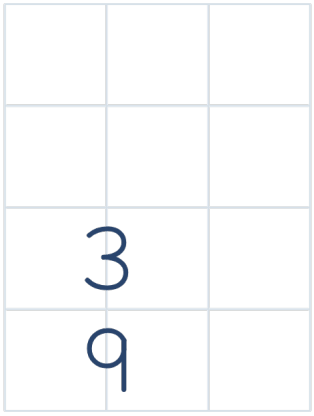


Remember: The denominator tells us how many equal parts to make. Use the numerator in the next step.

Divide the whole amount, 12, by the denominator, which is 4. Tick 12 and the denominator, 4, as you use them. 12 ÷ 4 = 3. One equal part contains 3. Keep that amount for the next step. You can work this out mentally or on the squares.

Step 3

Find $\frac{3}{4}$ of 12 = ☐

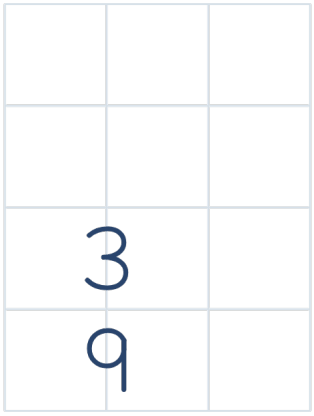


Remember: Always multiply by the numerator, even when it is 1. Keep the same habit for every fraction of an amount.

We found 3 in one equal part. Multiply 3 by the numerator, which is 3. 3 × 3 = 9. Tick the numerator, 3. The fraction amount is 9. You can work this out mentally or on the squares.

Step 4

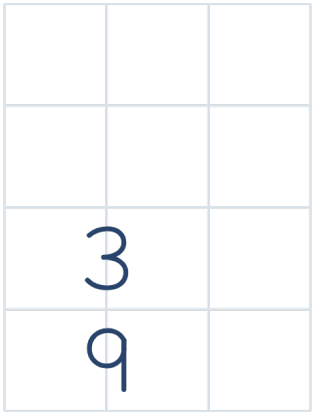
Find $\frac{3}{4}$ of 12 =



Now, we check all three ticks. We started with 12. We divided by 4. Then, we multiplied by 3.

Step 5

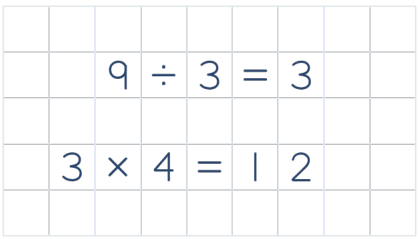
Find $\frac{3}{4}$ of 12 = 9



The fraction amount is 9. Copy 9 into the answer box. Make sure you copy the answer correctly.

Step 6

Find $\frac{3}{4}$ of 12 = 9



Divide 9 by the numerator, 3, to get one equal part. 9 ÷ 3 = 3. Multiply 3 by the denominator, 4, to put the equal parts back together. 3 × 4 = 12. We got back to the original whole amount, 12. That checks our answer of 9.