

$$\boxed{\dots} \times 12 = \boxed{\dots} \times 10 + \boxed{\dots} \times 2 = \boxed{\dots}$$

The diagram illustrates the distributive property of multiplication over addition. It shows that multiplying a quantity by 12 is equivalent to multiplying it by 10 and then adding the result of multiplying it by 2. The green box represents the unit being multiplied. The blue boxes represent the factors 10 and 2, and the orange boxes represent the resulting terms from the distribution.