

## **WORD PROBLEM**

*A man buys some 2€ stamps and 1€ stamps.*

*He pays € 50 for all the stamps. There are ten 2€ stamps more than 1€ stamps.*

**HOW MANY OF EACH KIND DID HE BUY?**

## **TABLE**

2€ STAMPS	X+10	€50
1€ STAMPS	X	

## **EQUATION**

$$2 (X+10) + X = 50$$

## **REASONING**

He buys some 2€ stamps and some 1€ stamps and he pays 50€ for all. But there are ten 2€ stamps more than 1€ stamps, so the 1€ stamps are the unknown and the 2€ stamps will be the unknown (X) plus 10. Now we can multiply X and the X+10 by 1€ and 2 € respectively and the sum of these products must be equal to € 50.

## **RESULTS**

$$1 \text{ Euro STAMPS} = X = 10$$

$$2 \text{ Euro STAMPS} = X + 10 = 20$$