

# Writing an Equation

Worksheet: Convert word problems to math equation. Click here for [Live worksheet](#)

**Example:** Ismael has 20 pencils 7 of the pencils were given to him by Zack. His dad gave him 1 pencil.

His mom gave him some pencils as well. How many pencils did his mom give him? Write the equation.

$$\boxed{7} \text{ Pencils given by Zack} + \boxed{1} \text{ Pencils given by Dad} + \boxed{X} \text{ Pencils given by Mom} = \boxed{20} \text{ Number of pencils Ismael has.}$$

Take out 20 blocks. Take seven blocks and place them under the 7 and one block under the 1. The remaining blocks is your answer  $X = 12$

1. John had a total of 15 candy bars. 10 he had received from trick or treating., 2 he received from a friend, and he received some from his teacher. How many candy bars did John's teacher give him?

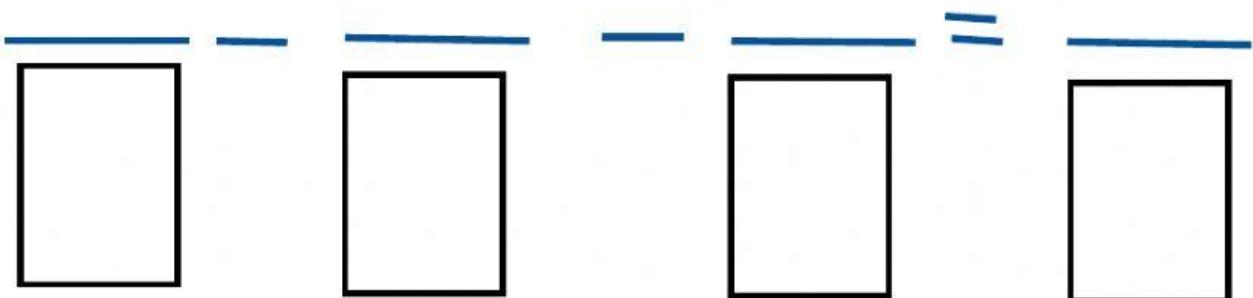
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Candy bars Received from Trick or Treating      Candy received from friend      Candy received from teacher      Total number of Candy bars John has

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2. There are 5 red cars, 2 blue cars, and some yellow cars. Altogether there are 13 cars. How many yellow cars are there?

$$\underline{\quad} - \underline{\quad} - \underline{\quad} = \underline{\quad}$$
  


3. Issy has some hamsters. He also has 10 dogs and 3 cats. In total he has 20 animals. How many hamsters does he have?

$$\underline{\quad} - \underline{\quad} - \underline{\quad} = \underline{\quad}$$
  
