

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.

<div style="border: 1px solid black; padding: 5px; display: inline-block;">7</div>		<div style="border: 1px solid black; padding: 5px; display: inline-block;">+</div>		<div style="border: 1px solid black; padding: 5px; display: inline-block;">1</div>		<div style="border: 1px solid black; padding: 5px; display: inline-block;">+</div>		<div style="border: 1px solid black; padding: 5px; display: inline-block;">X</div>		=	<div style="border: 1px solid black; padding: 5px; display: inline-block;">20</div>	
Pencils given by Zack		Operation		Pencils given by Dad		Operation		Pencils given by Mom				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 re- ceived from friend		Candy re- ceived from teacher					Total num- ber of Candy cars 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?

$$\begin{array}{c} \text{---} \\ \boxed{} \end{array} \text{ --- } \begin{array}{c} \text{---} \\ \boxed{} \end{array} \text{ --- } \begin{array}{c} \text{---} \\ \boxed{} \end{array} = \begin{array}{c} \text{---} \\ \boxed{} \end{array}$$

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?

$$\begin{array}{c} \text{---} \\ \boxed{} \end{array} \text{ --- } \begin{array}{c} \text{---} \\ \boxed{} \end{array} \text{ --- } \begin{array}{c} \text{---} \\ \boxed{} \end{array} = \begin{array}{c} \text{---} \\ \boxed{} \end{array}$$