



Pre-Algebra Practice

Read each question and write your answer in algebraic form.



Ex. There are a total of 10 chocolate kisses. If you started with 3 chocolate kisses, how many did you have to add to get the total?

Answer:

Let x be the variable: $3 + x = 10$

Subtract 3 from both sides: $3 + x - 3 = 10 - 3$

$$x + 3 - 3 = 10 - 3$$

$$x = 7$$

1. Johnny went trick-or-treating and is trying to figure out how many sugar sticks he got in his last hour. He has a total of 12 and he knows he got 5 during his first hour. How many did he get in the last hour?

2. After trick-or-treating, Hillary's dad tells her to put aside a total of 25 pieces of candy, consisting of butterscotch, peanut butter cups and lollipops. She puts 10 butterscotch and 7 peanut butter cups to the side. How many lollipops does she set aside?

3. Jack's little brother keeps swiping his candy. He knows he had 56 pieces. He counts 32 now. How many pieces did his brother take?