Check What You Know

Expressions and Equations

Solve each equation.

	a	b	c
16.	$x - 4 = 4$ _____	$x + 3 = 5$ _____	$n - 2 = 0$ _____
17.	$b + 8 = 19$ _____	$n + 5 = 5$ _____	$y + 3 = 3$ _____
18.	$a + 4 = 11$ _____	$n - 8 = 8$ _____	$y - 5 = 5$ _____
19.	$\frac{a}{4} = 4$ _____	$a \times 4 = 4$ _____	$\frac{m}{5} = 5$ _____
20.	$y \times 20 = 30$ _____	$\frac{x}{12} = 3$ _____	$b \times 7 = 21$ _____
21.	$\frac{x}{5} = 20$ _____	$n \times 5 = 25$ _____	$\frac{x}{9} = 1$ _____

SHOW YOUR WORK

Solve the problems.

22. Eva spent $48 on a shirt and a pair of pants. The pants cost twice as much as the shirt. How much did each item cost?

Let s stand for the cost of the shirt.

Equation: _____ $s =$ _____

The shirt cost _____. The pants cost _____.

22.

23. In Ben's office, there are 5 more women than men. There are 23 women. How many men are there?

What is the unknown number? _____

Equation: _____ $n =$ _____

There are _____ men in the office.

23.