John works at a computer store. He earns $70 per day plus an additional $12 for every computer he sells.

Using only the available numbers and symbols, create an expression for John's daily earnings for selling the given number of computers.

Number of Computers	Expression for Daily Earnings
0	
1	
3	
7	
11	
19	

Available Symbols: + $70 $12

Is there another symbol that would have been helpful in the previous exercise?

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Number of Computers	Expression for Daily Earnings
0	
1	
3	
7	
11	
19	

Available Symbols: [x] [+] [$70] [$12]

John works at a computer store. He earns $70 per day plus an additional $12 for every computer he sells.

Arrange the following to make a WORD EQUATION for John's daily earnings.

John's daily earnings

70

equals

the number of computers sold

times

plus

12

John works at a computer store. He earns $70 per day plus an additional $12 for every computer he sells.

John's daily earnings	equals	70	plus	12	times	the number of computers sold

If *E* represents John's daily earnings and *n* represents the number of computers he sells, arrange the following to make an EQUATION for John's daily earnings.

=	12	+
n	*E*	70

John works at a computer store. He earns $70 per day plus an additional $12 for every computer he sells.

$$E = 70 + 12n$$

<u>Use your equation</u> to determine how much John would earn for a day when he sells 20 computers.