



These types of equations ask you to solve an equation by inputting variables. For example, find the cost of 5 DVDs if one DVD costs \$10.00. For this equation, "C" will represent the total cost and "x" will represent the number of DVDs.

$$C = x\$10.00$$

$$C = (5)\$10.00 \quad \leftarrow \text{touch}$$



ES

1

2

3

4

5

6

7

8

**WELL DONE!**

Morgan finds two different video stores near her home that offer very different rental plans for their DVDs. The first store has a \$25 annual membership fee + \$2 each rental. Use the equation  $C = \$25 + \$2x$  to calculate the cost to Morgan for a year's membership if she rents a total of 25 DVDs at this first store.

✓  $C = \$$  **75.00**

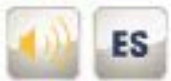
$$C = \$25 + \$2(25 \text{ DVDs})$$

$$C = \$25 + \$50$$

$$C = \$75.00$$

**1 2 3 4 5 6 7 8 9 0**

Reset



Solve the following equations using the provided value as the variable.



$$x = 2$$

$$C = 3 + x$$

$$C = \boxed{5}$$



1 2 3 4 5 6 7 8 9 0

Reset