



Name _____ Class _____ Date _____

1

A **function** is a rule in which a number, called the **input**, has mathematical operations performed to it to determine the answer of another number, called the **output**.

True or false?

A true

B false

2

The **input** of a function is often referred to as the **y-value**.

True or false?

A true

B false

3

The **function** $y = x + 2$ when evaluated for the input of **6**, gives an output of **4**.

True or false?

4

What is the **output** for the function, divide by **6** and add **7**, when the input is **48**?

A 1

5



PREVIEW

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7

A 36, 40, 44

B 20, 22, 24

C 9, 10, 11

D 8, 10, 11

C $y = 4x - 2$ D $y = x + 1$

Output, y 2 5 8 11

9

The table shown represents which **function**?

A $y = 2x - 1$ B $y = x - 5$ C $y = 2x - 5$ D $y = 2x - 7$

Input, x	2	3	4	5
Output, y	-3	-1	1	3

10

Roger rents a hockey rink for his hockey team. The cost is **\$75** for the rink plus **\$3** for each teammate. If x teammates show up at the hockey rink, which **function** would represent the cost, c , that Roger will have to pay?

A $c = \$75 - \$3x$ B $c = \$75 + \$3x$ C $c = \$3 + \$75x$ D $c = \$75 - \3



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