



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

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

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



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

A

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

True or false?

A true
B false

B

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

True or false?

B

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

A 1

C

5



B

PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

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
-----------	---	---	---	----

A

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

D

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

B