

Name: _____

CA 6.4 Round all answers to nearest tenth.

X	-1	0	1	2	3
Y	5	3	2	0	-2

1) What's the best-fitting line ?

2) Approximate the value of y for $x = 5$.

3) Find the zero of the function.

X	-1	0	1	2	4
Y	3	3	1	0	-3

7) What's the best-fitting line ?

8) Approximate the value of y for $x = 5$.

9) Find the zero of the function.

X	-5	-3	-1	1	2
Y	-4	-2	-1	1	0

4) What's the best-fitting line?

5) Approximate the value of y for $x = -4$.

6) Find the zero of the function.

X	-1	0	1	2	3
Y	5	3	1	0	-2

10) What's the best-fitting line?

11) Approximate the value of y for $x = -4$.

12) Find the zero of the function.

X	-2	-1	0	1	2
Y	-4	-2	-1	-1	1

X	-5	-3	-1	1	2
Y	5	2	0	-3	-4

13) What's the best-fitting line ?

16) What's the best-fitting line?

14) Approximate the value of y for x = 5.

17) Approximate the value of y for x = -4.

15) Find the zero of the function.

18) Find the zero of the function.

ANSWERS:

- 1) $y = -1.7x + 3.3$ 2) $y = -5.2$ 3) $x = 1.9$ 4) $y = .6x - .4$ 5) $y = -2.8$ 6) $x = .7$
7) $y = -1.3x + 2.3$ 8) $y = -4.2$ 9) $x = 1.8$ 10) $y = -1.7x + 3.1$ 11) $y = 9.9$ 12) $x = 1.8$
13) $y = 1.1x - 1.4$ 14) $y = 4.1$ 15) $x = 1.3$ 16) $y = -1.3x - 1.5$ 17) $y = 3.7$ 18) $x = -1.2$