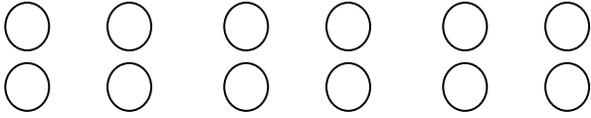


Name _____

Date _____

1. Skip-count the columns in the array. The first one has been done for you.



2

2. a. Solve.

$$1 + 1 = \underline{\quad}$$

$$2 + 2 = \underline{\quad}$$

$$3 + 3 = \underline{\quad}$$

$$4 + 4 = \underline{\quad}$$

$$5 + 5 = \underline{\quad}$$

$$6 + 6 = \underline{\quad}$$

- b. Explain the connection between the array in Problem 1 and the answers in Problem 2(a).

3.

- a. Fill in the missing numbers on the number path.

20, 22, 24, _____, 28, 30, _____, _____, 36

Lesson 9: Use rectangular arrays to investigate patterns of odd and even numbers.
Date: 4/30/20

engage^{ny}

6.D.6

b. Fill in the odd numbers on the number path.

0, , 2, , 4, , 6, , 8 , 10, , 12,

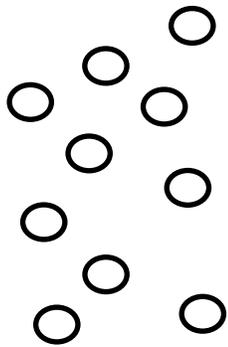
4. Write to identify the **bold** numbers as even or odd. The first one has been done for you.

a. $6 + 1 = 7$ <u>even</u> + 1 = <u>odd</u>	b. $24 + 1 = 25$ <u> </u> + 1 = <u> </u>	c. $30 + 1 = 31$ <u> </u> + 1 = <u> </u>
d. $6 - 1 = 5$ <u> </u> - 1 = <u> </u>	e. $24 - 1 = 23$ <u> </u> - 1 = <u> </u>	f. $30 - 1 = 29$ <u> </u> - 1 = <u> </u>

5. Are the **bold** numbers even or odd? Circle the answer, and explain how you know.

a. 28 even/odd	Explanation:
b. 39 even/odd	Explanation:

6. Use the objects to create an array.

a. 	Array	Redraw your picture with 1 <i>less</i> circle.
	There are an even/odd (circle one) number of circles.	There are an even/odd (circle one) number of circles.

