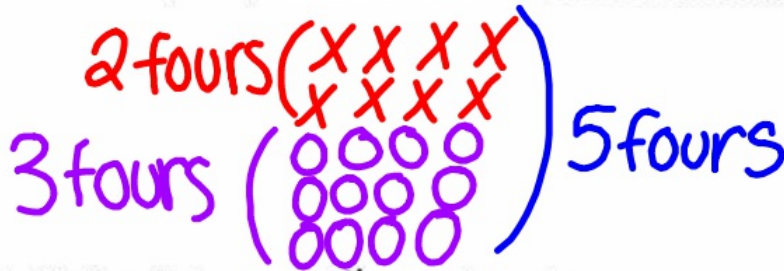


Name Answer KeyDate Test on 10/1/19

1. Mrs. Tran plants 2 rows of 4 carrots in her garden.

- a. Draw an array that represents Mrs. Tran's carrots. Use an X to show each carrot.



- b. Mrs. Tran adds 3 more rows of 4 carrots to her garden.

- Use circles to show her new carrots on the array in Part (a).
- Fill in the blanks below to show how she added the five rows.

$$2 \text{ fours} + 3 \text{ fours} = 5 \text{ fours}$$

- Write a sentence to explain your thinking.

The X's show two rows of four.
 The O's show three rows of four.
 When you add 2 rows and 3 rows, you get 5 rows.

- c. Find the total number of carrots Mrs. Tran planted.

$$2 \times 4 = 8$$

$$3 \times 4 = 12$$

$$8 + 12 = 20$$

Mrs. Tran planted 20 carrots.

- d. Write a multiplication sentence to describe the array representing the total number of carrots Mrs. Tran planted.

$$5 \times 4 = 20$$