

Using Multiplication

NCTM Standards 1, 2, 6, 8, 9, 10

Write a multiplication sentence to describe each array.

1



$$\square \times \square = \square$$

rows columns dots

2



$$\square \times \square = \square$$

rows columns dots

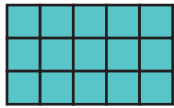
3



$$\square \times \square = \square$$

rows columns dots

4



$$\square \times \square = \square$$

rows columns tiles

5



$$\square \times \square = \square$$

rows columns tiles

6



$$\square \times \square = \square$$

rows columns tiles

7



$$\square \times \square = \square$$

rows columns dots

8



$$\square \times \square = \square$$

rows columns dots

9



$$\square \times \square = \square$$

rows columns dots

10



$$\square \times \square = \square$$

rows columns dots

11



$$\square \times \square = \square$$

rows columns dots

12



$$\square \times \square = \square$$

rows columns dots

13



$$\square \times \square = \square$$

rows columns tiles

14



$$\square \times \square = \square$$

rows columns tiles

15

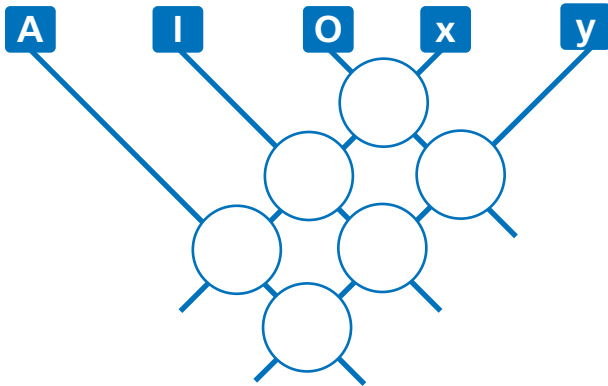


$$\square \times \square = \square$$

rows columns tiles

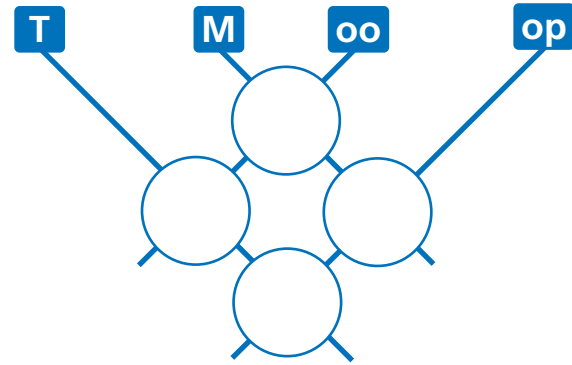
Complete the diagram. Write a multiplication sentence to match.

16



$$\square \times \square = \square$$

17



$$\square \times \square = \square$$



18 Min has three kinds of ice cream and two kinds of toppings. How many different one flavor–one topping sundaes can she make? Use words, pictures, or numbers to explain your answer.

sprinkles hot fudge vanilla chocolate strawberry



_____ sundaes



19 **Challenge** If Min gets two new toppings and one new flavor of ice cream, how many one flavor–one topping sundaes can she make with all of the flavors and toppings she has now? Use words, pictures, or numbers to explain your answer.