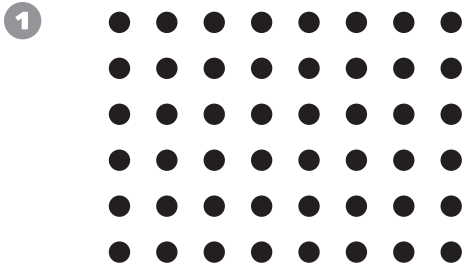
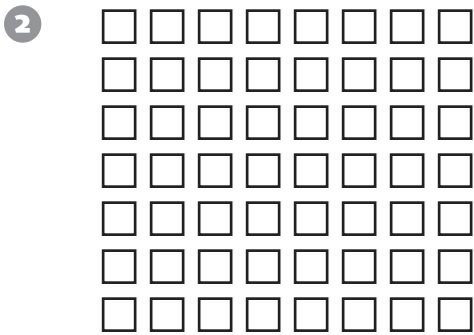


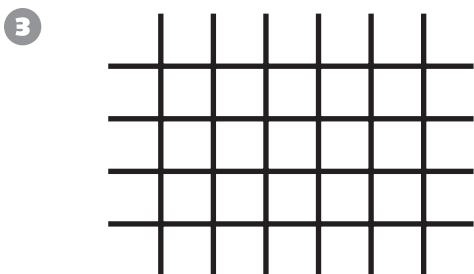
For 1–2, find the total number in each array.



48

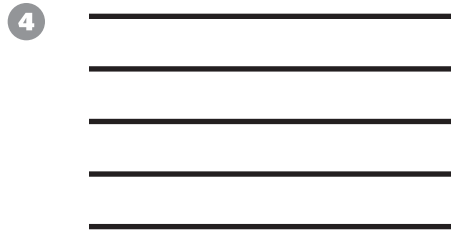


56



How many intersections are there?

24



How many vertical lines are needed to make 20 intersections?

4

5 Antonio is ordering a sandwich. His choices are tuna, turkey, egg salad, and chicken salad. The sandwiches are on wheat bread or white bread. How many different sandwiches are there?

8

6 Jamie tosses a number cube to find digits to use for two-digit numbers. She will use 1, 4, or 6 for the tens digit. She will use 2 or 3 for the ones digit. How many numbers can she make that are less than 60? Make a list of all the possible numbers.

4 numbers;

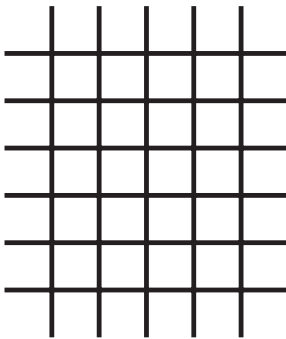
12, 13, 42, and 43

- 7 Fernando tosses a number cube labeled 1 to 6 and a coin at the same time. How many different combinations are possible?



12

- 8 Write a multiplication sentence that you can use to find the total number of intersections.



$6 \times 5 = 30$ or $5 \times 6 = 30$

- 9 Tom draws the first row of an array.



When the array is finished, there will be 45 dots in all. How many rows will be in Tom's array?

5 rows

- 10 Carrie draws 6 stars as the first row of an array. When she is finished, there will be 42 stars. What number sentence can you use to find the number of rows Carrie will draw?

$6 \times 7 = 42$ or $42 \div 6 = 7$

- 11 These dots are part of a 7-by-4 array.



Write a multiplication sentence that you can use to find the number of hidden dots.

$6 \times 3 = 18$ or $3 \times 6 = 18$

- 12 Four students open a box of 36 crayons. They share the crayons equally. How many crayons will each student get?

9
