1. When a fair six-sided die is tossed on a tabletop, the bottom face cannot be seen. What is the probability that the product of the numbers on the five faces that can be seen is divisible by 6?
     (A) 1/3   (B) 1/2   (C) 2/3   (D) 5/6   (E) 1

2. Fourteen white cubes are put together to form the figure on the right. The complete surface of the figure, including the bottom, is painted red. The figure is then separated into individual cubes. How many of the individual cubes have exactly four red faces?
(A) 4   (B) 6   (C) 8   (D) 10   (E) 12
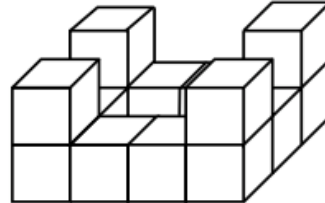
3. Ali, Bonnie, Carlo and Dianna are going to drive together to a nearby theme park. The car they are using has four seats: one driver's seat, one front passenger seat and two back seats. Bonnie and Carlo are the only two who can drive the car. How many possible seating arrangements are there?
(A) 2   (B) 4   (C) 6   (D) 12   (E) 24

4. Each of the twenty dots on the graph below represents one of Sarah's classmates. Classmates who are friends are connected with a line segment. For her birthday party, Sarah is inviting only the following: all of her friends and all of those classmates who are friends with at least one of her friends. How many classmates will not be invited to Sarah's party?
(A) 1   (B) 4   (C) 5   (D) 6   (E) 7
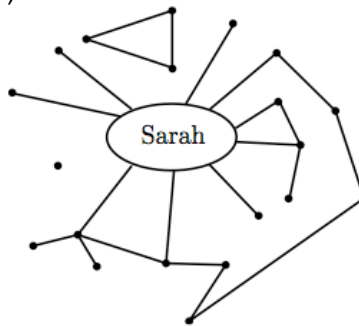
5. Spinners A and are spun. On each spinner, the arrow is equally likely to land on each number. What is the probability that the product of the two spinners' numbers is even?
     (A) ¼   (B) 1/3   (C) ½   (D) 2/3   (E) ¾