43. There are 10 equally spaced dots marked on a circle. Kim chooses an integer, n, that is greater than 1. Beginning at a randomly chosen dot, Kim goes around the circle clockwise and colors in every nth dot. He continues going around and around the circle coloring in every nth dot, counting each dot whether it is colored in or not, until he has colored in every dot. Which of the following could have been Kim's integer n ?

A. 2
B. 3
C. 4
D. 5
E. 6
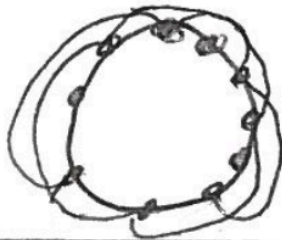
I just drew a diagram with dots on a circle and found that 3 would cover them All. 2 wouldn't because you'd skip the odd ones.

18. Four points, A, B, C, and D, lie on a circle having a circumference of 15 units. B is 2 units counterclockwise from A. C is 5 units clockwise from A. D is 7 units clockwise from A and 8 units counterclockwise from A. What is the order of the points, starting with A and going clockwise around the circle?

F. A, B, C, D
G. A, B, D, C
H. A, C, B, D
J. A, C, D, B
K. A, D, C, B

23. In a basketball passing drill, 5 basketball players stand evenly spaced around a circle. The player with the ball (the passer) passes it to another player (the receiver). The receiver cannot be the player to the passer's immediate right or left and cannot be the player who last passed the ball. A designated player begins the drill as the first passer. This player will be the receiver for the first time on which pass of the ball?

A.   4th
B.   5th
C.   6th
D. 10th
E. 24th