

Denise has the following pencils in a drawer:

- 5 blue pencils
- 3 green pencils

Denise took a blue pencil from the drawer and gave it to a friend. If she takes a second pencil from the drawer at random, what is the probability that the second pencil she takes will be **green**?

A. $\frac{1}{2}$

B. $\frac{3}{7}$

C. $\frac{3}{8}$

D. $\frac{1}{3}$