

2016

- 13** Two different numbers are randomly selected from the set  $-2, -1, 0, 3, 4, 5$  and multiplied together. What is the probability that the product is 0?

(A)  $\frac{1}{6}$       (B)  $\frac{1}{5}$       (C)  $\frac{1}{4}$       (D)  $\frac{1}{3}$       (E)  $\frac{1}{2}$

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- 17** An ATM password at Fred's Bank is composed of four digits from 0 to 9, with repeated digits allowable. If no password may begin with the sequence 9, 1, 1, then how many passwords are possible?

(A) 30      (B) 7290      (C) 9000      (D) 9990      (E) 9999

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