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**2016****2**

In a raffle, 30 tickets are sold and there is one prize to be won.  
What is the probability that someone buying 6 tickets wins the prize?

(A)  $\frac{1}{30}$

(B)  $\frac{1}{6}$

(C)  $\frac{1}{5}$

(D)  $\frac{1}{4}$

**1****C**

$$\begin{aligned} P(\text{wins}) &= \frac{6}{30} \\ &= \frac{1}{5} \end{aligned}$$

State Mean:  
**0.97**

\* These solutions have been provided by [projectmaths](#) and are not supplied or endorsed by BOSTES.