

## Pick an item

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a) John has 8 marbles in his pocket, 5 are red and 3 are blue. If John pulls one marble out of his pocket what is the probability that it is blue?

- (A)  $\frac{1}{8}$       (B)  $\frac{3}{8}$       (C)  $\frac{3}{5}$       (D)  $\frac{5}{8}$

(E) None of these. The probability it is blue is \_\_\_\_\_.

b) A kitchen drawer contains 4 steak knives and 6 table knives. If one knife is taken from the drawer, what is the chance that it is a table knife?

- (A)  $\frac{1}{10}$       (B)  $\frac{1}{6}$       (C)  $\frac{2}{5}$       (D)  $\frac{3}{5}$

(E) None of these. The chance that it is a table knife is \_\_\_\_\_.

c) Mere has 6 textbooks in her bag: 2 are mathematics books, one is a social studies book and the rest are English books. She takes out one book at random. What is the probability that it is an English book?

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

(E) None of these. The probability it is an English book is \_\_\_\_\_.