

Pick an item

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 _____.