

1 / 2

## 2010 Q20

20. In a room,  $\frac{2}{5}$  of all the people are wearing gloves, and  $\frac{3}{4}$  of the people are wearing hats. What is the minimum number of people in the room wearing both a hat and gloves?

(A) 3      (B) 5      (C) 8      (D) 15      (E) 20



2 / 2

## 2015 Q20

20. Ralph went to the store and bought 12 pairs of socks for a total of \$24. Some of the socks he bought cost \$1 a pair, some of the socks he bought cost \$3 a pair, and some of the socks he bought cost \$4 a pair. If he bought at least one pair of each type, how many pairs of \$1 socks did Ralph buy?

(A) 4      (B) 5      (C) 6      (D) 7      (E) 8

