

2. The probability that a visit to a primary care physician's (PCP) office results in neither lab work nor referral to a specialist is 35% . Of those coming to a PCP's office, 30% are referred to specialists and 40% require lab work.

Determine the probability that a visit to a PCP's office results in both lab work and referral to a specialist.

- (A) 0.05
- (B) 0.12
- (C) 0.18
- (D) 0.25
- (E) 0.35