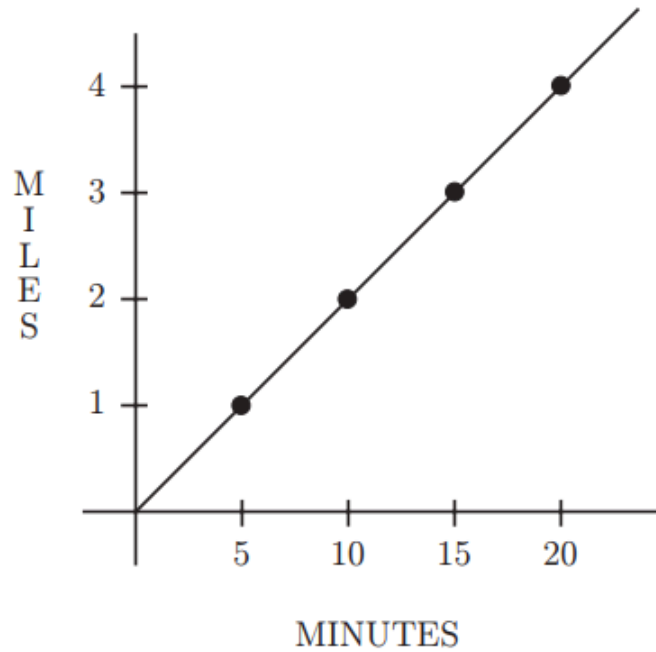# 2009 Q3

3. The graph shows the constant rate at which Suzanna rides her bike. If she rides a total of half an hour at the same speed, how many miles will she have ridden?

MINUTES

(A) 5   (B) 5.5   (C) 6   (D) 6.5   (E) 7

3. **Answer (C):** Suzanna rides at a constant rate of five minutes per mile. In 30 minutes there are six 5-minute intervals, so she travels six miles.
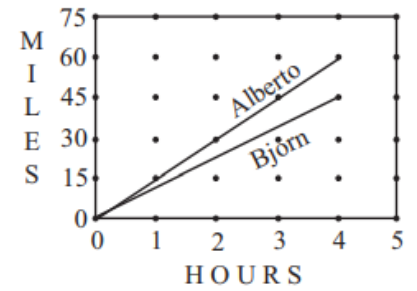
OR

Suzanna rides 3 miles in 15 minutes, so she will ride 6 miles in 30 minutes.

1999 Q4

4. The diagram shows the miles traveled by bikers Alberto and Bjorn. After four hours about how many more miles has Alberto biked then Bjorn?

(A) 15   (B) 20   (C) 25

(D) 30   (E) 35

4. **Answer (A):** Four hours after starting, Alberto has gone about 60 miles and Bjorn has gone about 45 miles. Therefore, Alberto has biked about 15 more miles.