

A woman drove to work at an average speed of 40 miles per hour and returned along the same route at 30 miles per hour. If her total traveling time was 1 hour, what was the total number of miles in the round trip?

- (a) 30
- (b) $30 \frac{1}{7}$
- (c) $34 \frac{2}{7}$
- (d) 35
- (e) 40