



8. Travelling at an average speed of 100 km/hr, a train took 3 hours to travel to Birmingham. Unfortunately the train then waited just outside the station, which reduced the average speed for the whole journey to 90 km/hr. For how many minutes was the train waiting?
- A 1 B 5 C 10 D 15 E 20

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8. **E** The distance travelled to Birmingham by the train was 300 km. The time taken to travel this distance at an average speed of 90 km/hr is $\frac{300}{90}$ hr = $3\frac{1}{3}$ hr = 3 hr 20 min. So the train was waiting for 20 minutes.