INDY 500

3rd – 5th Grade

1. Racers complete 5 miles every 2 laps. How many laps are needed to complete 40 miles? Use words and numbers to support your answer.

2. A car completes 1 lap in 40 seconds. How many laps can the car complete in 30 minutes if they go at the same rate? Use words and numbers to support your decision.

3. Pit stops are required to change tires, add fuel and other maintenance to the car. The faster the pit stop the better. Mark and Brad stop for their pit stops at the same time. Mark's crew completed their pit stop in 7 seconds. Brad's crew completed it in 12 seconds. Indy cars travel at 330 feet per second. How far ahead is Mark's car after this pit stop? Use words and numbers to support your answer.

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