Missing Averages
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1. The average height on a particular 5-player basketball team is 6'2". Four of the players have an average height of 6'3". How tall is the last player?

2. On a 50 person swim team, the average complete lap time is 40 seconds. The average for 49 of the people on the team was 37 seconds. How long did it take the slowest swimmer to complete a lap?

3. Your high school is hosting a hot dog eating contest with 14 contestants. The average number of hot dogs eaten by all contestants except for Pam and Joe was 3 hot dogs each. If Pam and Joseph both ate the same (but unknown) amount of hot dogs. If the average number of hot dogs eaten for all contestants was 4, how many hot dogs did Pam and Joseph each eat?

4. In a girls versus boys soccer game, there were 15 players on each side. The average number of goals scored per player on the girls' side was 0.6 and the average number of goals scored per player on the boys' side was 0.2, what is the combined average of goals scored per player across the entire team?

5. During a race, the average speed for 10 cars was 120mph. If a 11th car joins the race and goes 140 mph, what is the new average for all cars in the race?