## Arithmetic Sequence

1. How many laps per day will she swim during the $15^{\text {th }}$ week of training?

Sigma ( $\Sigma$ ) Notation


Melanie is starting to train for a swim meet. She begins by swimming 5 laps per day for a week. Each week she plans to increase her number of daily laps by 2.

Find the sum of the series
2. How many laps did she swim during 10 weeks of training?

What does that look like in Sigma ( $\Sigma$ ) notation?


