11.4: Mathematical Induction

Attendance Quiz

1. To prove by induction that $n^2 + 5n - 2$ is divisible by 2 is true for all positive integers n, we assume $k^2 + 5k - 2$ is divisible by 2 is true for some positive integer k, and we show that $k^2 + 5k - 2 + A$ is divisible by 2, where A is