Review Quiz
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1. In the expansion of
$$(2x - 1)^{10}$$
   what is the coefficient of x^7?

2. Find A^2, A^3, and A^4 for the matrix
$$A = \begin{pmatrix} 1 & 2 \\ 0 & 3 \end{pmatrix}$$
   Can you conjecture a formula for A^n for any natural number n? How you would go about proving it?

3. What is the remainder of 2014^{2014} divided by 3?