Writing Explicit Formulas - Answer Key

1. $a_n = 4(2)^{n-1}$
2. $a_n = 7(3)^{n-1}$
3. $a_n = 96\left(\frac{1}{2}\right)^{n-1}$
4. $a_n = 81\left(\frac{1}{3}\right)^{n-1}$
5. $a_n = 5(-2)^{n-1}$
6. $a_n = 64\left(-\frac{1}{2}\right)^{n-1}$
7. $a_n = -3(4)^{n-1}$
8. $a_n = 250\left(\frac{1}{5}\right)^{n-1}$
9. $a_n = 6\left(\frac{2}{3}\right)^{n-1}$
10. $a_n = 2(5)^{n-1}$
11. $a_n = 12\left(-\frac{1}{3}\right)^{n-1}$
12. $a_n = 9\left(\frac{3}{2}\right)^{n-1}$