

NAME _____

DATE _____

PERIOD _____

PRE-ALGEBRA

Let's Practice with Sequences!!

Geometric Sequences

Write the next three terms of each sequence.

- 2, 5, 8, 11, ...
- 3, 9, 27, 81, ...
- $2\frac{2}{3}, 2, 1\frac{1}{3}, \frac{2}{3}, \dots$
- 50, 46, 42, 38, ...
- $\frac{2}{3}, \frac{2}{9}, \frac{2}{27}, \frac{2}{81}, \dots$
- 2.8, 3.2, 3.6, 4, ...
- 51, 44, 37, 30, ...
- 45, -4.5, -0.45, -0.045, ...
- 1701, 567, 189, 63, ...
- $\frac{1}{3}, \frac{1}{6}, \frac{1}{12}, \frac{1}{24}, \dots$
- 3.5, 7, 14, 28, ...
- $\frac{2}{7}, \frac{6}{7}, 2\frac{4}{7}, 7\frac{5}{7}, \dots$
- 88, -77, 66, -55, ...
- 512, 64, 8, 1, ...
- 1.5, -25, 125, ...
- 58, 45, 32, 19, ...
- 18, -9, $4\frac{1}{2}$, $-2\frac{1}{4}$, ...
- 12, -10, -8, -6, ..
- 4, -1, $\frac{1}{4}$, $-\frac{1}{16}$, ...
- $\frac{3}{4}, -\frac{1}{2}, \frac{1}{3}, -\frac{2}{9}, \dots$
- 10, 5, 0, -5, ...
- 24, -8, $-2\frac{2}{3}$, $-\frac{8}{9}$, ...
- $3\frac{1}{2}, \frac{1}{2}, -2\frac{1}{2}, -5\frac{1}{2}, \dots$
- 6, -18, 54, -162, ...
- 3, 4.5, 6, 7.5, ...
- 8, -4, 2, -1, ...
- 27, -18, 12, -8, ...
- 1, 0.1, -0.01, 0.001, ...