

Assignments are graded on Neatness and Completeness:

- ~Copy Original Problem
- ~Show your work in Vertical Format
- ~Identify your Answer. Circle it or highlight it.
- ~Put a space between problems.

Find the A) Common Ratio and the B) Zero Term.

Write the C) Recursive Formula and D) Explicit Equation for each sequence.

1) Sequence: $6, 18, 54$	2) Sequence: $10, 20, 40$
3) Sequence: $60, 300, 1500$	4) Sequence: $24, 96, 384$
5) Sequence: $6, -18, 54$	6) Sequence: $-8, 32, -128$
7) Sequence: $100, 50, 25$	

State the A) Type of Sequence, find the B) Common Number and the C) Zero Term. Write the D) Explicit Equation and use it to E) find the given term.

8) Sequence: $-10, -8, -6$ <i>Find the 15th term.</i>	9) Sequence: $6, 12, 18$ <i>Find the 81st term.</i>
10) Sequence: $15, 45, 135$ <i>Find the 5th term.</i>	11) Sequence: $6, 24, 96$ <i>Find the 10th term.</i>