

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.

1) Describe the difference between an **ARITHMETIC** and **GEOMETRIC** sequence.

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

a) Sequence: 8, 10, 12 <i>Find the 10th term.</i>	b) Sequence: 8, 16, 32 <i>Find the 10th term.</i>
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Use your graph paper to do the following.
Plot the two points and draw a full line.

Find both the **X-Intercept** and **Y-Intercept** of each line.

3) (-4,4) (2, -8)	4) (-2,9) (8, -6)
5) (3,4) (10, -3)	6) (-6, -2) (3, -8)

Find the **Slope** of each line.

7) (-7,1) (3, -3)	8) (-9,4) (-3, -5)
9) (5, -1) (10, -2)	10) (-9, -8) (3, -2)
11) (-7,4) (-7, -2)	12) (-6,5) (-1,5)