

**Arithmetic Sequences**

Find the A) **Common Difference** and B) **Zero Term**.

Write an C) **Explicit Equation**, and D) **using the Equation** to find the **desired term**.

1) Sequence: $-6, -9, -12, -15$ a) Find 20th      b) Find 54th	2) Sequence: $12, 18, 24, 30$ a) Find 15th      b) Find 61st
3) Sequence: $-24, -18, -12, -6$ a) Find 25th      b) Find 82nd	4) Sequence: $4, 0, -4, -8$ a) Find 36th      b) Find 111th

**Geometric Sequences**

Find the A) **Common Difference** and B) **Zero Term**.

Write an C) **Explicit Equation**, and D) **using the Equation** to find the **desired term**.

5) Sequence: $12, 24, 48$ Find 9th	6) Sequence: $8, 32, 128$ Find 5th
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