Subject: Mathematics   **Year: 6**   **Name: _____**

STRAND	Algebra
SUB - STRAND	Patterns
CONTENT LEARNING OUTCOME	Explore and describe number patterns based on mathematical rules and explain the pattern used

Activities

Write your answer in the blank spaces provided.

1. Identify the pattern and write the next four numbers.
   A. {3, 6, 5, 10, 9, 18, 17, 34...}
   B. {3, 6, 12, 24, 48, 96, 192…}
   C. {3, 4, 8, 9, 18, 19, 38, 39,78 …}
   D. { 7, 5, 15, 13, 39, 37, 111, 109…}
   E. {1, 2, 4, 8, 16, 32, 64, 128…}

2. Solve the following word problem.

   Mrs. Prasad is 4 years younger than her husband. Her husband is 46 years old and Sam is 6 years younger than Mrs. Prasad. How old is Sam?
   46 – 4 = 42yrs (Mrs Prasad's age)

   42 – 6 = 36yrs (Sam's age)

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