Name:

Use the patterns to answer the questions.

1)

Input (A)	5	7	9	11	13
Output (B)	2	4	6	8	10

The patterns above are synchronized. If the number in pattern A is 125, what will be the number in pattern B?

1. _____

2. _____

3. _____

2)

Input (A)	5	6	7	8	9
Output (B)	50	60	70	80	90

The patterns above are synchronized. If the number in pattern A is 18, what will be the number in pattern B?

4. _____

5. _____

6. _____

3) In a pattern the first number is a 5. The second number is a 10. The third is a 15. Fourth is a 20. If the pattern continues will the 13th number end in a 5 or a 0?

4) In a pattern the first number is a 10. The second number is a 20. The third is a 30. Fourth is a 40. If the pattern continues what will be the 16th number in the pattern?

5) A pattern starts with 3. The second number is a 9. The third is a 15. Fourth is a 21 and fifth is 27. If you double the 13th number in the pattern, will the result be even or odd?

6) A pattern starts with 9. The second number is a 18. The third is a 27. Fourth is a 36 and fifth is 45. If the pattern continues will the 15th number in the pattern be even or odd?

Math

Identifying Pattern Attributes

Name: **Answer Key**

Use the patterns to answer the questions.

Answers

1)

Input (A)	5	7	9	11	13
Output (B)	2	4	6	8	10

The patterns above are synchronized. If the number in pattern A is 125, what will be the number in pattern B?

2)

Input (A)	5	6	7	8	9
Output (B)	50	60	70	80	90

The patterns above are synchronized. If the number in pattern A is 18, what will be the number in pattern B?

3) In a pattern the first number is a 5. The second number is a 10. The third is a 15. Fourth is a 20. If the pattern continues will the 13th number end in a 5 or a 0?

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6) A pattern starts with 9. The second number is a 18. The third is a 27. Fourth is a 36 and fifth is 45. If the pattern continues will the 15th number in the pattern be even or odd?

1. **122**

2. **180**

3. **5**

4. **160**

5. **even**

6. **odd**