Name:

Use the patterns to answer the questions.

1)

Input (A)	5	8	11	14	17
Output (B)	2	5	8	11	14

The patterns above are synchronized. If the number in pattern A is 95, what will be the number in pattern B?

2)

Input (A)	3	4	5	6	7
Output (B)	12	16	20	24	28

The patterns above are synchronized. If the number in pattern A is 16, 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 25th number end in a 5 or a 0?

4) In a pattern the first number is a 2. The second number is a 4. The third is a 6. Fourth is a 8. If the pattern continues what will be the 16th number in the pattern?

5) A pattern starts with 7. The second number is a 15. The third is a 23. Fourth is a 31 and fifth is 39. If you double the 24th number in the pattern, will the result be even or odd?

6) A pattern starts with 5. The second number is a 10. The third is a 15. Fourth is a 20 and fifth is 25. If the pattern continues will the 14th number in the pattern be even or odd?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

Math

Name:

Use the patterns to answer the questions.

1)

Input (A)	5	8	11	14	17
Output (B)	2	5	8	11	14

The patterns above are synchronized. If the number in pattern A is 95, what will be the number in pattern B?

1. **92**

2)

Input (A)	3	4	5	6	7
Output (B)	12	16	20	24	28

The patterns above are synchronized. If the number in pattern A is 16, what will be the number in pattern B?

2. **64**

3. **5**

4. **32**

5. **even**

6. **even**

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 25th number end in a 5 or a 0?

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