Name:

Use the patterns to answer the questions.

1)

A	6	11	16	21	26
B	4	9	14	19	24

The patterns above are synchronized. If the number in pattern A is 126, what will be the number in pattern B?

1. _____

2. _____

3. _____

2)

A	2	3	4	5	6
B	18	27	36	45	54

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 11th number end in a 5 or a 0?

4) In a pattern the first number is a 4. The second number is a 8. The third is a 12. Fourth is a 16. If the pattern continues what will be the 25th number in the pattern?

5) A pattern starts with 7. The second number is a 17. The third is a 27. Fourth is a 37 and fifth is 47. If you double the 15th number in the pattern, will the result be even or odd?

6) A pattern starts with 6. The second number is a 12. The third is a 18. Fourth is a 24 and fifth is 30. If the pattern continues will the 24th number in the pattern be even or odd?

Name:

Use the patterns to answer the questions.

1)

A	6	11	16	21	26
B	4	9	14	19	24

The patterns above are synchronized. If the number in pattern A is 126, what will be the number in pattern B?

1. _____ **124**

2. _____ **162**

3. _____ **5**

4. _____ **100**

5. _____ **even**

6. _____ **even**

2)

A	2	3	4	5	6
B	18	27	36	45	54

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 11th number end in a 5 or a 0?

4) In a pattern the first number is a 4. The second number is a 8. The third is a 12. Fourth is a 16. If the pattern continues what will be the 25th number in the pattern?

5) A pattern starts with 7. The second number is a 17. The third is a 27. Fourth is a 37 and fifth is 47. If you double the 15th number in the pattern, will the result be even or odd?

6) A pattern starts with 6. The second number is a 12. The third is a 18. Fourth is a 24 and fifth is 30. If the pattern continues will the 24th number in the pattern be even or odd?

83	67	50	33	17	0