Name:

Use the patterns to answer the questions.

1)

A	5	7	9	11	13
B	1	3	5	7	9

The patterns above are synchronized. If the number in pattern A is 100, what will be the number in pattern B?

1. _____

2. _____

3. _____

2)

A	2	3	4	5	6
B	20	30	40	50	60

The patterns above are synchronized. If the number in pattern A is 24, 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 18th number end in a 5 or a 0?

4) In a pattern the first number is a 8. The second number is a 16. The third is a 24. Fourth is a 32. If the pattern continues what will be the 11th number in the pattern?

5) A pattern starts with 5. The second number is a 13. The third is a 21. Fourth is a 29 and fifth is 37. If you double the 11th number in the pattern, will the result be even or odd?

6) A pattern starts with 7. The second number is a 14. The third is a 21. Fourth is a 28 and fifth is 35. If the pattern continues will the 14th number in the pattern be even or odd?

1-6 | 83 | 67 | 50 | 33 | 17 | 0

Name:

Use the patterns to answer the questions.

1)

A	5	7	9	11	13
B	1	3	5	7	9

The patterns above are synchronized. If the number in pattern A is 100, what will be the number in pattern B?

1. _____ **96**

2)

A	2	3	4	5	6
B	20	30	40	50	60

The patterns above are synchronized. If the number in pattern A is 24, what will be the number in pattern B?

2. _____ **240**

3. _____ **0**

4. _____ **88**

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 18th number end in a 5 or a 0?

4) In a pattern the first number is a 8. The second number is a 16. The third is a 24. Fourth is a 32. If the pattern continues what will be the 11th number in the pattern?

5) A pattern starts with 5. The second number is a 13. The third is a 21. Fourth is a 29 and fifth is 37. If you double the 11th number in the pattern, will the result be even or odd?

6) A pattern starts with 7. The second number is a 14. The third is a 21. Fourth is a 28 and fifth is 35. If the pattern continues will the 14th number in the pattern be even or odd?