Name:

Use the patterns to answer the questions.

1)

A	6	8	10	12	14
B	2	4	6	8	10

The patterns above are synchronized. If the number in pattern A is 114, what will be the number in pattern B?

1. _____

2. _____

3. _____

2)

A	4	5	6	7	8
B	32	40	48	56	64

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 11th number end in a 5 or a 0?

4) In a pattern the first number is a 3. The second number is a 6. The third is a 9. Fourth is a 12. If the pattern continues what will be the 14th number in the pattern?

5) A pattern starts with 1. The second number is a 11. The third is a 21. Fourth is a 31 and fifth is 41. If you double the 16th number in the pattern, will the result be even or odd?

6) A pattern starts with 4. The second number is a 8. The third is a 12. Fourth is a 16 and fifth is 20. 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	6	8	10	12	14
B	2	4	6	8	10

The patterns above are synchronized. If the number in pattern A is 114, what will be the number in pattern B?

1. _____ **110**

2)

A	4	5	6	7	8
B	32	40	48	56	64

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

2. _____ **192**

3. _____ **5**

4. _____ **42**

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 11th number end in a 5 or a 0?

4) In a pattern the first number is a 3. The second number is a 6. The third is a 9. Fourth is a 12. If the pattern continues what will be the 14th number in the pattern?

5) A pattern starts with 1. The second number is a 11. The third is a 21. Fourth is a 31 and fifth is 41. If you double the 16th number in the pattern, will the result be even or odd?

6) A pattern starts with 4. The second number is a 8. The third is a 12. Fourth is a 16 and fifth is 20. If the pattern continues will the 14th number in the pattern be even or odd?