Use the patterns to answer the questions.

1)   A

5	9	13	17	21

        B

1	5	9	13	17

The patterns above are synchronized. If the number in pattern A is 120, what will be the number in pattern B?

1. _____

2. _____

3. _____

2)   A

5	6	7	8	9

        B

50	60	70	80	90

The patterns above are synchronized. If the number in pattern A is 20, 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 23rd 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 11th 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 19th number in the pattern, will the result be even or odd?

6) A pattern starts with 8. The second number is a 16. The third is a 24. Fourth is a 32 and fifth is 40. If the pattern continues will the 21st number in the pattern be even or odd?

Use the patterns to answer the questions.

1)   A

5	9	13	17	21

B

1	5	9	13	17

The patterns above are synchronized. If the number in pattern A is 120, what will be the number in pattern B?

1. _____ **116**

2. _____ **200**

2)   A

5	6	7	8	9

B

50	60	70	80	90

The patterns above are synchronized. If the number in pattern A is 20, what will be the number in pattern B?

3. _____ **5**

4. _____ **22**

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 23rd 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 11th 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 a 39. If you double the 19th number in the pattern, will the result be even or odd?

6) A pattern starts with 8. The second number is a 16. The third is a 24. Fourth is a 32 and fifth is a 40. If the pattern continues will the 21st number in the pattern be even or odd?