Name:

Use the patterns to answer the questions.

1)
A	10	13	16	19	22
B	7	10	13	16	19

The patterns above are synchronized. If the number in pattern A is 240, what will be the number in pattern B?

1. _____

2. _____

3. _____

2)
A	3	4	5	6	7
B	12	16	20	24	28

The patterns above are synchronized. If the number in pattern A is 19, 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 16th 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 20th 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 10th number in the pattern be even or odd?

Use the patterns to answer the questions.

1)

A

10	13	16	19	22
7	10	13	16	19

B

The patterns above are synchronized. If the number in pattern A is 240, what will be the number in pattern B?

1. _____ **237**

2)

A

3	4	5	6	7
12	16	20	24	28

B

The patterns above are synchronized. If the number in pattern A is 19, what will be the number in pattern B?

2. _____ **76**

3. _____ **0**

4. _____ **40**

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 16th 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 20th 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 10th number in the pattern be even or odd?