Use the patterns to answer the questions.

1)

A	9	14	19	24	29
B	5	10	15	20	25

The patterns above are synchronized. If the number in pattern A is 171, what will be the number in pattern B?

1. _____

2. _____

3. _____

2)

A	5	6	7	8	9
B	15	18	21	24	27

The patterns above are synchronized. If the number in pattern A is 22, 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 7. The second number is a 14. The third is a 21. Fourth is a 28. If the pattern continues what will be the 20th number in the pattern?

5) A pattern starts with 3. The second number is a 7. The third is a 11. Fourth is a 15 and fifth is 19. If you double the 25th number in the pattern, will the result be even or odd?

6) A pattern starts with 5. The second number is a 10. The third is a 15. Fourth is a 20 and fifth is 25. If the pattern continues will the 17th number in the pattern be even or odd?

Answer Key

Use the patterns to answer the questions.

1)

A	9	14	19	24	29
B	5	10	15	20	25

The patterns above are synchronized. If the number in pattern A is 171, what will be the number in pattern B?

1. _____**167**_____

2)

A	5	6	7	8	9
B	15	18	21	24	27

The patterns above are synchronized. If the number in pattern A is 22, what will be the number in pattern B?

2. _____**66**_____

3. _____**0**_____

4. _____**140**_____

5. _____**even**_____

6. _____**odd**_____

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 7. The second number is a 14. The third is a 21. Fourth is a 28. If the pattern continues what will be the 20th number in the pattern?

5) A pattern starts with 3. The second number is a 7. The third is a 11. Fourth is a 15 and fifth is 19. If you double the 25th number in the pattern, will the result be even or odd?

6) A pattern starts with 5. The second number is a 10. The third is a 15. Fourth is a 20 and fifth is 25. If the pattern continues will the 17th number in the pattern be even or odd?