



Use the patterns to answer the questions.

**Answers**

1)

A	7	10	13	16	19
B	4	7	10	13	16

The patterns above are synchronized. If the number in pattern A is 112, what will be the number in pattern B?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

2)

A	3	4	5	6	7
B	18	24	30	36	42

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 15th number end in a 5 or a 0?

4) 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 what will be the 15th 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 24th 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 20th number in the pattern be even or odd?



Use the patterns to answer the questions.

1)      A      

7	10	13	16	19
---	----	----	----	----

  
      B      

4	7	10	13	16
---	---	----	----	----

The patterns above are synchronized. If the number in pattern A is 112, what will be the number in pattern B?

2)      A      

3	4	5	6	7
---	---	---	---	---

  
      B      

18	24	30	36	42
----	----	----	----	----

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

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 15th number end in a 5 or a 0?

4) 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 what will be the 15th 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 24th 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 20th number in the pattern be even or odd?

**Answers**1. 1092. 1143. 54. 755. even6. even