



Use the patterns to answer the questions.

**Answers**

1)

A	5	7	9	11	13
B	3	5	7	9	11

The patterns above are synchronized. If the number in pattern A is 110, what will be the number in pattern B?

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

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

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

2)

A	4	5	6	7	8
B	24	30	36	42	48

The patterns above are synchronized. If the number in pattern A is 16, 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 3. The second number is a 6. The third is a 9. Fourth is a 12. If the pattern continues what will be the 25th 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 22nd number in the pattern, will the result be even or odd?

- 6) A pattern starts with 2. The second number is a 4. The third is a 6. Fourth is a 8 and fifth is 10. If the pattern continues will the 12th number in the pattern be even or odd?



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**Answers**1. **108**2. **96**3. **0**4. **75**5. **even**6. **even**