



Use the patterns to answer the questions.

Answers

1)

Input (A)	5	9	13	17	21
Output (B)	1	5	9	13	17

The patterns above are synchronized. If the number in pattern A is 55, what will be the number in pattern B?

2)

Input (A)	5	6	7	8	9
Output (B)	15	18	21	24	27

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 19th number end in a 5 or a 0?

- 4) In a pattern the first number is a 4. The second number is a 8. The third is a 12. Fourth is a 16. If the pattern continues what will be the 12th number in the pattern?

- 5) A pattern starts with 9. The second number is a 19. The third is a 29. Fourth is a 39 and fifth is 49. If you double the 21st number in the pattern, will the result be even or odd?

- 6) A pattern starts with 3. The second number is a 6. The third is a 9. Fourth is a 12 and fifth is 15. If the pattern continues will the 17th number in the pattern be even or odd?

1. _____

2. _____

3. _____

4. _____

5. _____

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Answers1. **51**2. **57**3. **5**4. **48**5. **even**6. **odd**