



Use the patterns to answer the questions.

Answers

1)

Input (A)	7	12	17	22	27
Output (B)	3	8	13	18	23

The patterns above are synchronized. If the number in pattern A is 154, what will be the number in pattern B?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

2)

Input (A)	3	4	5	6	7
Output (B)	12	16	20	24	28

The patterns above are synchronized. If the number in pattern A is 22, 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 12th 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 21st 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 11th number in the pattern, will the result be even or odd?

6) A pattern starts with 8. The second number is a 16. The third is a 24. Fourth is a 32 and fifth is 40. If the pattern continues will the 22nd number in the pattern be even or odd?



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Answers1. **150**2. **88**3. **0**4. **63**5. **even**6. **even**