



Use the patterns to answer the questions.

Answers

1)

Input (A)	6	9	12	15	18
Output (B)	3	6	9	12	15

The patterns above are synchronized. If the number in pattern A is 72, what will be the number in pattern B?

1. _____

2. _____

3. _____

2)

Input (A)	5	6	7	8	9
Output (B)	20	24	28	32	36

The patterns above are synchronized. If the number in pattern A is 18, 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 10th number end in a 5 or a 0?

4) In a pattern the first number is a 6. The second number is a 12. The third is a 18. Fourth is a 24. If the pattern continues what will be the 25th number in the pattern?

5) A pattern starts with 7. The second number is a 17. The third is a 27. Fourth is a 37 and fifth is 47. If you double the 23rd number in the pattern, will the result be even or odd?

6) A pattern starts with 6. The second number is a 12. The third is a 18. Fourth is a 24 and fifth is 30. If the pattern continues will the 18th number in the pattern be even or odd?



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Answers1. **69**2. **72**3. **0**4. **150**5. **even**6. **even**