



Use the patterns to answer the questions.

Answers

1)

A	7	9	11	13	15
B	4	6	8	10	12

The patterns above are synchronized. If the number in pattern A is 133, what will be the number in pattern B?

1. _____

2. _____

3. _____

2)

A	3	4	5	6	7
B	21	28	35	42	49

The patterns above are synchronized. If the number in pattern A is 24, 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 13th 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 11th number in the pattern?

5) A pattern starts with 1. The second number is a 7. The third is a 13. Fourth is a 19 and fifth is 25. If you double the 25th 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 24th number in the pattern be even or odd?



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Answers1. **130**2. **168**3. **5**4. **44**5. **even**6. **even**