



Use the patterns to answer the questions.

Answers

1)

A	9	11	13	15	17
B	5	7	9	11	13

The patterns above are synchronized. If the number in pattern A is 171, what will be the number in pattern B?

1. _____

2. _____

3. _____

2)

A	4	5	6	7	8
B	32	40	48	56	64

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 21st 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 11th number in the pattern?

5) A pattern starts with 5. The second number is a 15. The third is a 25. Fourth is a 35 and fifth is 45. If you double the 22nd number in the pattern, will the result be even or odd?

6) A pattern starts with 5. The second number is a 10. The third is a 15. Fourth is a 20 and fifth is 25. If the pattern continues will the 19th number in the pattern be even or odd?



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Answers1. **167**2. **192**3. **5**4. **66**5. **even**6. **odd**