



Use the patterns to answer the questions.

Answers

1)

A	8	13	18	23	28
B	4	9	14	19	24

The patterns above are synchronized. If the number in pattern A is 104, what will be the number in pattern B?

1. _____

2. _____

3. _____

2)

A	5	6	7	8	9
B	30	36	42	48	54

The patterns above are synchronized. If the number in pattern A is 25, 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 5. The second number is a 10. The third is a 15. Fourth is a 20. If the pattern continues what will be the 16th 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 18th number in the pattern, will the result be even or odd?

6) A pattern starts with 9. The second number is a 18. The third is a 27. Fourth is a 36 and fifth is 45. If the pattern continues will the 17th number in the pattern be even or odd?



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Answers1. **100**2. **150**3. **5**4. **80**5. **even**6. **odd**