



Use the patterns to answer the questions.

1) Pattern A	5	7	9	11	13
Pattern B	1	3	5	7	9

The patterns above are synchronized. If the number in pattern A is 60, what will be the number in pattern B?

2) Pattern A	2	3	4	5	6
Pattern B	20	30	40	50	60

The patterns above are synchronized. If the number in pattern A is 20, 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 25th number end in a 5 or a 0?

4) In a pattern the first number is a 10. The second number is a 20. The third is a 30. Fourth is a 40. If the pattern continues what will be the 13th number in the pattern?

5) A pattern starts with 1. The second number is a 11. The third is a 21. Fourth is a 31 and fifth is 41. If you double the 25th number in the pattern, will the result be even or odd?

6) A pattern starts with 7. The second number is a 14. The third is a 21. Fourth is a 28 and fifth is 35. If the pattern continues will the 12th number in the pattern be even or odd?

7) A pattern starts with 3. The second number is a 6. The third is a 9. Fourth is a 12 and fifth is 15. If the pattern continues will the 18th number in the pattern be even or odd?

8) 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 10th number in the pattern be even or odd?

9) 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 25th number in the pattern be even or odd?

10) A pattern starts with 7. The second number is a 14. The third is a 21. Fourth is a 28 and fifth is 35. If the pattern continues will the 14th number in the pattern be even or odd?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



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Answers1. 562. 2003. 54. 1305. even6. even7. even8. even9. even10. even