



Use the patterns to answer the questions.

Answers

1)

A	10	12	14	16	18
B	8	10	12	14	16

The patterns above are synchronized. If the number in pattern A is 250, what will be the number in pattern B?

1. _____

2. _____

3. _____

2)

A	3	4	5	6	7
B	12	16	20	24	28

The patterns above are synchronized. If the number in pattern A is 16, 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 25th number end in a 5 or a 0?

4) In a pattern the first number is a 9. The second number is a 18. The third is a 27. Fourth is a 36. If the pattern continues what will be the 14th number in the pattern?

5) A pattern starts with 9. The second number is a 11. The third is a 13. Fourth is a 15 and fifth is 17. If you double the 13th 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 15th number in the pattern be even or odd?



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Answers1. 2482. 643. 54. 1265. even6. even