



Use the patterns to answer the questions.

Answers

1)

A	5	10	15	20	25
B	3	8	13	18	23

The patterns above are synchronized. If the number in pattern A is 100, what will be the number in pattern B?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

2)

A	2	3	4	5	6
B	6	9	12	15	18

The patterns above are synchronized. If the number in pattern A is 20, 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 8. The second number is a 16. The third is a 24. Fourth is a 32. If the pattern continues what will be the 22nd number in the pattern?

5) A pattern starts with 1. The second number is a 3. The third is a 5. Fourth is a 7 and fifth is 9. If you double the 19th 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 23rd number in the pattern be even or odd?



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Answers1. 982. 603. 54. 1765. even6. even