



Use the patterns to answer the questions.

Answers

1)

A	10	14	18	22	26
B	8	12	16	20	24

The patterns above are synchronized. If the number in pattern A is 150, what will be the number in pattern B?

1. _____

2. _____

3. _____

2)

A	5	6	7	8	9
B	35	42	49	56	63

The patterns above are synchronized. If the number in pattern A is 17, 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 16th 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 24th number in the pattern?

5) A pattern starts with 7. The second number is a 17. The third is a 27. Fourth is a 37 and fifth is 47. If you double the 23rd number in the pattern, will the result be even or odd?

6) 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 22nd number in the pattern be even or odd?



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Answers1. 1482. 1193. 04. 1925. even6. even