Use the patterns to answer the questions.

1)

A	8	10	12	14	16
B	5	7	9	11	13

The patterns above are synchronized. If the number in pattern A is 144, what will be the number in pattern B?

2)

A	2	3	4	5	6
B	14	21	28	35	42

The patterns above are synchronized. If the number in pattern A is 21, 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 19th number end in a 5 or a 0?

4) In a pattern the first number is a 2. The second number is a 4. The third is a 6. Fourth is a 8. If the pattern continues what will be the 23rd number in the pattern?

5) A pattern starts with 1. The second number is a 5. The third is a 9. Fourth is a 13 and fifth is 17. 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 16th number in the pattern be even or odd?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

1-6	83	67	50	33	17	0

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Answers

1. **141**
2. **147**
3. **5**
4. **46**
5. **even**
6. **even**

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