Use the patterns to answer the questions.

1)

Input (A)	9	13	17	21	25
Output (B)	5	9	13	17	21

The patterns above are synchronized. If the number in pattern A is 153, what will be the number in pattern B?

1. _____

2)

Input (A)	2	3	4	5	6
Output (B)	18	27	36	45	54

The patterns above are synchronized. If the number in pattern A is 18, what will be the number in pattern B?

2. _____

3. _____

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 10th number end in a 5 or a 0?

4) 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 what will be the 22nd 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 24th number in the pattern, will the result be even or odd?

6) A pattern starts with 8. The second number is a 16. The third is a 24. Fourth is a 32 and fifth is 40. If the pattern continues will the 12th number in the pattern be even or odd?

Name:

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