Use the patterns to answer the questions.

1)

A	7	10	13	16	19
B	3	6	9	12	15

The patterns above are synchronized. If the number in pattern A is 168, what will be the number in pattern B?

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 25, 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 10th 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 12th number in the pattern?

5) A pattern starts with 7. The second number is a 13. The third is a 19. Fourth is a 25 and fifth is 31. If you double the 17th number in the pattern, will the result be even or odd?

6) A pattern starts with 2. The second number is a 4. The third is a 6. Fourth is a 8 and fifth is 10. If the pattern continues will the 14th 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. **164**
2. **75**
3. **0**
4. **96**
5. **even**
6. **even**

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