



Use the patterns to answer the questions.

Answers

1)

A	5	9	13	17	21
B	1	5	9	13	17

The patterns above are synchronized. If the number in pattern A is 85, what will be the number in pattern B?

1. _____

2. _____

3. _____

2)

A	4	5	6	7	8
B	16	20	24	28	32

The patterns above are synchronized. If the number in pattern A is 23, 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 13th 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 20th number in the pattern?

5) A pattern starts with 3. The second number is a 7. The third is a 11. Fourth is a 15 and fifth is 19. If you double the 21st number in the pattern, will the result be even or odd?

6) A pattern starts with 4. The second number is a 8. The third is a 12. Fourth is a 16 and fifth is 20. If the pattern continues will the 14th number in the pattern be even or odd?



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	B	1	5	9	13	17

The patterns above are synchronized. If the number in pattern A is 85, what will be the number in pattern B?

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	B	16	20	24	28	32

The patterns above are synchronized. If the number in pattern A is 23, what will be the number in pattern B?

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Answers1. **81**2. **92**3. **5**4. **40**5. **even**6. **even**