



Use the patterns to answer the questions.

Answers

1)

A	6	10	14	18	22
B	2	6	10	14	18

The patterns above are synchronized. If the number in pattern A is 66, what will be the number in pattern B?

1. _____

2. _____

3. _____

2)

A	3	4	5	6	7
B	18	24	30	36	42

The patterns above are synchronized. If the number in pattern A is 20, 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 20th number end in a 5 or a 0?

- 4) In a pattern the first number is a 3. The second number is a 6. The third is a 9. Fourth is a 12. If the pattern continues what will be the 14th number in the pattern?

- 5) A pattern starts with 5. The second number is a 7. The third is a 9. Fourth is a 11 and fifth is 13. If you double the 16th 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 24th number in the pattern be even or odd?



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Answers1. **62**2. **120**3. **0**4. **42**5. **even**6. **even**