



Use the patterns to answer the questions.

1) Pattern A	9	13	17	21	25
Pattern B	6	10	14	18	22

The patterns above are synchronized. If the number in pattern A is 99, what will be the number in pattern B?

2) Pattern A	2	3	4	5	6
Pattern B	4	6	8	10	12

The patterns above are synchronized. If the number in pattern A is 17, 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 23rd 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 20th number in the pattern?

5) A pattern starts with 9. The second number is a 11. The third is a 13. Fourth is a 15 and fifth is 17. If you double the 11th 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 15th number in the pattern be even or odd?

7) 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 21st number in the pattern be even or odd?

8) 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 17th number in the pattern be even or odd?

9) A pattern starts with 5. The second number is a 10. The third is a 15. Fourth is a 20 and fifth is 25. If the pattern continues will the 17th number in the pattern be even or odd?

10) A pattern starts with 7. The second number is a 14. The third is a 21. Fourth is a 28 and fifth is 35. If the pattern continues will the 18th number in the pattern be even or odd?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



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Answers

1. 96

2. 34

3. 5

4. 60

5. even

6. odd

7. even

8. even

9. odd

10. even