



Use the patterns to answer the questions.

1) Pattern A	9	11	13	15	17
Pattern B	7	9	11	13	15

The patterns above are synchronized. If the number in pattern A is 117, what will be the number in pattern B?

2) Pattern A	3	4	5	6	7
Pattern B	12	16	20	24	28

The patterns above are synchronized. If the number in pattern A is 16, 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 25th 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 10th number in the pattern?

5) A pattern starts with 7. The second number is a 9. The third is a 11. Fourth is a 13 and fifth is 15. If you double the 20th 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 24th number in the pattern be even or odd?

7) 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 22nd number in the pattern be even or odd?

8) A pattern starts with 6. The second number is a 12. The third is a 18. Fourth is a 24 and fifth is 30. If the pattern continues will the 13th number in the pattern be even or odd?

9) A pattern starts with 3. The second number is a 6. The third is a 9. Fourth is a 12 and fifth is 15. If the pattern continues will the 16th 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 25th 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. 115

2. 64

3. 5

4. 30

5. even

6. even

7. even

8. even

9. even

10. odd