



Use the patterns to answer the questions.

**Answers**

1)

A	8	13	18	23	28
B	6	11	16	21	26

The patterns above are synchronized. If the number in pattern A is 136, what will be the number in pattern B?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

2)

A	3	4	5	6	7
B	15	20	25	30	35

The patterns above are synchronized. If the number in pattern A is 25, 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 18th 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 16th number in the pattern?

5) A pattern starts with 7. The second number is a 11. The third is a 15. Fourth is a 19 and fifth is 23. If you double the 14th number in the pattern, will the result be even or odd?

6) 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 18th number in the pattern be even or odd?



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Answers1. 1342. 1253. 04. 1285. even6. even