



Use the patterns to answer the questions.

Answers

1) Pattern A

6	11	16	21	26
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Pattern B

3	8	13	18	23
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The patterns above are synchronized. If the number in pattern A is 126, what will be the number in pattern B?

1. _____

2. _____

3. _____

2) Pattern A

5	6	7	8	9
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Pattern B

25	30	35	40	45
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The patterns above are synchronized. If the number in pattern A is 21, 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 16th number end in a 5 or a 0?

7. _____

8. _____

4) In a pattern the first number is a 10. The second number is a 20. The third is a 30. Fourth is a 40. If the pattern continues what will be the 13th number in the pattern?

9. _____

10. _____

5) A pattern starts with 7. The second number is a 17. The third is a 27. Fourth is a 37 and fifth is 47. If you double the 10th number in the pattern, will the result be even or odd?

6) 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 12th number in the pattern be even or odd?

7) 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 20th number in the pattern be even or odd?

8) 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?

9) 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?

10) 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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Answers

1. 123
2. 105
3. 0
4. 130
5. even
6. even
7. even
8. odd
9. even
10. even