



Use the patterns to answer the questions.

1) Pattern A

10	12	14	16	18
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Pattern B

6	8	10	12	14
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The patterns above are synchronized. If the number in pattern A is 170, what will be the number in pattern B?

2) Pattern A

4	5	6	7	8
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Pattern B

28	35	42	49	56
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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 22nd 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 9. The second number is a 19. The third is a 29. Fourth is a 39 and fifth is 49. If you double the 22nd number in the pattern, will the result be even or odd?

6) 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 14th number in the pattern be even or odd?

7) 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 23rd number in the pattern be even or odd?

8) 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 24th number in the pattern be even or odd?

9) 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 19th number in the pattern be even or odd?

10) 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?

Answers

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



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Answers

1. 166

2. 112

3. 0

4. 42

5. even

6. even

7. odd

8. even

9. even

10. even