



Use the patterns to answer the questions.

Answers

1) Pattern A

10	12	14	16	18
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Pattern B

7	9	11	13	15
---	---	----	----	----

The patterns above are synchronized. If the number in pattern A is 130, what will be the number in pattern B?

1. _____
 2. _____
 3. _____

2) Pattern A

4	5	6	7	8
---	---	---	---	---

Pattern B

28	35	42	49	56
----	----	----	----	----

The patterns above are synchronized. If the number in pattern A is 24, 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 11th number end in a 5 or a 0?

7. _____
 8. _____

4) In a pattern the first number is a 4. The second number is a 8. The third is a 12. Fourth is a 16. If the pattern continues what will be the 15th number in the pattern?

9. _____

5) A pattern starts with 9. The second number is a 15. The third is a 21. Fourth is a 27 and fifth is 33. If you double the 15th number in the pattern, will the result be even or odd?

10. _____

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

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

8) 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 21st number in the pattern be even or odd?

9) 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 12th 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 12th number in the pattern be even or odd?



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1) Pattern A

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Pattern B

7	9	11	13	15
---	---	----	----	----

The patterns above are synchronized. If the number in pattern A is 130, what will be the number in pattern B?

1. 127

2. 168

3. 5

4. 60

5. even

6. even

7. even

8. even

9. even

10. even

2) Pattern A

4	5	6	7	8
---	---	---	---	---

Pattern B

28	35	42	49	56
----	----	----	----	----

The patterns above are synchronized. If the number in pattern A is 24, what will be the number in pattern B?

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