



Use the patterns to answer the questions.

Answers

1)

A	10	14	18	22	26
B	8	12	16	20	24

The patterns above are synchronized. If the number in pattern A is 240, what will be the number in pattern B?

1. _____

2. _____

3. _____

2)

A	4	5	6	7	8
B	36	45	54	63	72

The patterns above are synchronized. If the number in pattern A is 17, 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 24th number end in a 5 or a 0?

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 21st number in the pattern?

5) A pattern starts with 3. The second number is a 5. The third is a 7. Fourth is a 9 and fifth is 11. If you double the 24th 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 11th number in the pattern be even or odd?



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1) A

10	14	18	22	26
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 B

8	12	16	20	24
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The patterns above are synchronized. If the number in pattern A is 240, what will be the number in pattern B?

2) A

4	5	6	7	8
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 B

36	45	54	63	72
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The patterns above are synchronized. If the number in pattern A is 17, 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 24th number end in a 5 or a 0?

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 21st number in the pattern?

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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 11th number in the pattern be even or odd?

Answers1. **238**2. **153**3. **0**4. **210**5. **even**6. **even**