



Use the patterns to answer the questions.

Answers

1)

A	9	13	17	21	25
B	6	10	14	18	22

The patterns above are synchronized. If the number in pattern A is 225, what will be the number in pattern B?

1. _____

2. _____

3. _____

2)

A	4	5	6	7	8
B	28	35	42	49	56

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

4. _____

5. _____

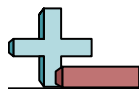
6. _____

- 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 21st 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 17th number in the pattern?

- 5) A pattern starts with 1. The second number is a 9. The third is a 17. Fourth is a 25 and fifth is 33. If you double the 23rd 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 18th number in the pattern be even or odd?



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Answers1. **222**2. **161**3. **5**4. **170**5. **even**6. **even**