



Use the patterns to answer the questions.

1) Pattern A	6	8	10	12	14
Pattern B	2	4	6	8	10

The patterns above are synchronized. If the number in pattern A is 66, what will be the number in pattern B?

2) Pattern A	4	5	6	7	8
Pattern B	32	40	48	56	64

The patterns above are synchronized. If the number in pattern A is 25, 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 12th number end in a 5 or a 0?

4) 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 what will be the 21st number in the pattern?

5) A pattern starts with 3. The second number is a 9. The third is a 15. Fourth is a 21 and fifth is 27. If you double the 19th number in the pattern, will the result be even or odd?

6) 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 18th number in the pattern be even or odd?

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

8) 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 20th 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 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 18th 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. 62

2. 200

3. 0

4. 105

5. even

6. even

7. even

8. even

9. even

10. even