



Use the patterns to answer the questions.

1) Pattern A	9	12	15	18	21
Pattern B	6	9	12	15	18

The patterns above are synchronized. If the number in pattern A is 99, what will be the number in pattern B?

2) Pattern A	3	4	5	6	7
Pattern B	18	24	30	36	42

The patterns above are synchronized. If the number in pattern A is 19, 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 14th number end in a 5 or a 0?

4) In a pattern the first number is a 2. The second number is a 4. The third is a 6. Fourth is a 8. If the pattern continues what will be the 13th number in the pattern?

5) A pattern starts with 3. The second number is a 7. The third is a 11. Fourth is a 15 and fifth is 19. If you double the 14th 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 13th 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 15th 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 15th number in the pattern be even or odd?

9) 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 13th number in the pattern be even or odd?

10) 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 11th number in the pattern be even or odd?

Answers

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



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. _____



Use the patterns to answer the questions.

1) Pattern A	5	7	9	11	13
Pattern B	1	3	5	7	9

The patterns above are synchronized. If the number in pattern A is 60, what will be the number in pattern B?

2) Pattern A	2	3	4	5	6
Pattern B	20	30	40	50	60

The patterns above are synchronized. If the number in pattern A is 20, 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 25th 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 13th number in the pattern?

5) A pattern starts with 1. The second number is a 11. The third is a 21. Fourth is a 31 and fifth is 41. If you double the 25th number in the pattern, will the result be even or odd?

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 12th number in the pattern be even or odd?

7) 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 18th number in the pattern be even or odd?

8) A pattern starts with 9. The second number is a 18. The third is a 27. Fourth is a 36 and fifth is 45. If the pattern continues will the 10th number in the pattern be even or odd?

9) 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 25th number in the pattern be even or odd?

10) 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?

Answers

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



Use the patterns to answer the questions.

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

The patterns above are synchronized. If the number in pattern A is 99, what will be the number in pattern B?

2) Pattern A	2	3	4	5	6
Pattern B	4	6	8	10	12

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 23rd 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 20th number in the pattern?

5) A pattern starts with 9. The second number is a 11. The third is a 13. Fourth is a 15 and fifth is 17. If you double the 11th number in the pattern, will the result be even or odd?

6) A pattern starts with 9. The second number is a 18. The third is a 27. Fourth is a 36 and fifth is 45. If the pattern continues will the 15th number in the pattern be even or odd?

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

8) 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 17th number in the pattern be even or odd?

9) 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 17th number in the pattern be even or odd?

10) 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 18th number in the pattern be even or odd?

Answers

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



Use the patterns to answer the questions.

1) Pattern A	8	11	14	17	20
Pattern B	4	7	10	13	16

The patterns above are synchronized. If the number in pattern A is 192, what will be the number in pattern B?

2) Pattern A	2	3	4	5	6
Pattern B	16	24	32	40	48

The patterns above are synchronized. If the number in pattern A is 20, 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 20th 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 24th number in the pattern?

5) A pattern starts with 3. The second number is a 11. The third is a 19. Fourth is a 27 and fifth is 35. 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 13th 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 10th 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 19th number in the pattern be even or odd?

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

Answers

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



Use the patterns to answer the questions.

1) Pattern A	5	7	9	11	13
Pattern B	1	3	5	7	9

The patterns above are synchronized. If the number in pattern A is 100, what will be the number in pattern B?

2) Pattern A	2	3	4	5	6
Pattern B	6	9	12	15	18

The patterns above are synchronized. If the number in pattern A is 22, 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 20th 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 13th number in the pattern?

5) A pattern starts with 5. The second number is a 13. The third is a 21. Fourth is a 29 and fifth is 37. If you double the 13th 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 18th number in the pattern be even or odd?

7) 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 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 22nd 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 25th number in the pattern be even or odd?

10) 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?

Answers

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



Use the patterns to answer the questions.

1) Pattern A	6	10	14	18	22
Pattern B	2	6	10	14	18

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

2) Pattern A	2	3	4	5	6
Pattern B	18	27	36	45	54

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 20th number end in a 5 or a 0?

4) In a pattern the first number is a 2. The second number is a 4. The third is a 6. Fourth is a 8. If the pattern continues what will be the 13th number in the pattern?

5) A pattern starts with 7. The second number is a 11. The third is a 15. Fourth is a 19 and fifth is 23. If you double the 17th number in the pattern, will the result be even or odd?

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 17th number in the pattern be even or odd?

7) A pattern starts with 9. The second number is a 18. The third is a 27. Fourth is a 36 and fifth is 45. If the pattern continues will the 25th number in the pattern be even or odd?

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

9) 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 13th number in the pattern be even or odd?

10) 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 23rd number in the pattern be even or odd?

Answers

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



Use the patterns to answer the questions.

1) Pattern A	9	11	13	15	17
Pattern B	7	9	11	13	15

The patterns above are synchronized. If the number in pattern A is 117, what will be the number in pattern B?

2) Pattern A	3	4	5	6	7
Pattern B	12	16	20	24	28

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 25th 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 10th number in the pattern?

5) A pattern starts with 7. The second number is a 9. The third is a 11. Fourth is a 13 and fifth is 15. If you double the 20th 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 24th number in the pattern be even or odd?

7) A pattern starts with 9. The second number is a 18. The third is a 27. Fourth is a 36 and fifth is 45. If the pattern continues will the 22nd number in the pattern be even or odd?

8) 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 13th number in the pattern be even or odd?

9) 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?

10) 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 25th number in the pattern be even or odd?

Answers

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



Use the patterns to answer the questions.

1) Pattern A	8	11	14	17	20
Pattern B	6	9	12	15	18

The patterns above are synchronized. If the number in pattern A is 96, what will be the number in pattern B?

2) Pattern A	4	5	6	7	8
Pattern B	12	15	18	21	24

The patterns above are synchronized. If the number in pattern A is 22, 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 16th number end in a 5 or a 0?

4) In a pattern the first number is a 2. The second number is a 4. The third is a 6. Fourth is a 8. If the pattern continues what will be the 13th number in the pattern?

5) A pattern starts with 5. The second number is a 9. The third is a 13. Fourth is a 17 and fifth is 21. If you double the 25th number in the pattern, will the result be even or odd?

6) A pattern starts with 9. The second number is a 18. The third is a 27. Fourth is a 36 and fifth is 45. If the pattern continues will the 19th number in the pattern be even or odd?

7) 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 10th 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 11th 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 25th number in the pattern be even or odd?

10) 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 10th number in the pattern be even or odd?

Answers

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



Use the patterns to answer the questions.

1) Pattern A	10	12	14	16	18
Pattern B	6	8	10	12	14

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
Pattern B	28	35	42	49	56

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. _____