



Use the patterns to answer the questions.

**Answers**

1)

A	7	10	13	16	19
B	4	7	10	13	16

The patterns above are synchronized. If the number in pattern A is 112, what will be the number in pattern B?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

2)

A	3	4	5	6	7
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?

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 15th 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 15th 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 24th number in the pattern, will the result be even or odd?

6) 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?



Use the patterns to answer the questions.

1)      A      

7	10	13	16	19
4	7	10	13	16

          B      

4	7	10	13	16
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The patterns above are synchronized. If the number in pattern A is 112, what will be the number in pattern B?

2)      A      

3	4	5	6	7
18	24	30	36	42

          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 15th 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 15th 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 24th number in the pattern, will the result be even or odd?

6) 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?

Answers1. 1092. 1143. 54. 755. even6. even



Use the patterns to answer the questions.

**Answers**

1)

A	5	8	11	14	17
B	3	6	9	12	15

The patterns above are synchronized. If the number in pattern A is 85, what will be the number in pattern B?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

2)

A	2	3	4	5	6
B	8	12	16	20	24

The patterns above are synchronized. If the number in pattern A is 19, 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 22nd number end in a 5 or a 0?

4) In a pattern the first number is a 9. The second number is a 18. The third is a 27. Fourth is a 36. If the pattern continues what will be the 24th number in the pattern?

5) A pattern starts with 9. The second number is a 13. The third is a 17. Fourth is a 21 and fifth is 25. If you double the 24th number in the pattern, will the result be even or odd?

6) 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 12th number in the pattern be even or odd?



Use the patterns to answer the questions.

1)

A	5	8	11	14	17
B	3	6	9	12	15

The patterns above are synchronized. If the number in pattern A is 85, what will be the number in pattern B?

2)

A	2	3	4	5	6
B	8	12	16	20	24

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 22nd number end in a 5 or a 0?

4) In a pattern the first number is a 9. The second number is a 18. The third is a 27. Fourth is a 36. If the pattern continues what will be the 24th number in the pattern?

5) A pattern starts with 9. The second number is a 13. The third is a 17. Fourth is a 21 and fifth is 25. If you double the 24th number in the pattern, will the result be even or odd?

6) 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 12th number in the pattern be even or odd?

Answers1. 832. 763. 04. 2165. even6. even



Use the patterns to answer the questions.

Answers

1)

A	7	10	13	16	19
B	3	6	9	12	15

The patterns above are synchronized. If the number in pattern A is 168, what will be the number in pattern B?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

2)

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

The patterns above are synchronized. If the number in pattern A is 25, 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 10th number end in a 5 or a 0?

4) In a pattern the first number is a 8. The second number is a 16. The third is a 24. Fourth is a 32. If the pattern continues what will be the 12th number in the pattern?

5) A pattern starts with 7. The second number is a 13. The third is a 19. Fourth is a 25 and fifth is 31. If you double the 17th 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 14th number in the pattern be even or odd?



Use the patterns to answer the questions.

1)

A	7	10	13	16	19
B	3	6	9	12	15

The patterns above are synchronized. If the number in pattern A is 168, what will be the number in pattern B?

2)

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

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 10th number end in a 5 or a 0?

4) In a pattern the first number is a 8. The second number is a 16. The third is a 24. Fourth is a 32. If the pattern continues what will be the 12th number in the pattern?

5) A pattern starts with 7. The second number is a 13. The third is a 19. Fourth is a 25 and fifth is 31. If you double the 17th 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 14th number in the pattern be even or odd?

Answers1. 1642. 753. 04. 965. even6. even



Use the patterns to answer the questions.

1)      A      

10	13	16	19	22
7	10	13	16	19

          B      

7	10	13	16	19
---	----	----	----	----

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

2)      A      

3	4	5	6	7
12	16	20	24	28

          B      

12	16	20	24	28
----	----	----	----	----

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 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 20th 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 16th number in the pattern, will the result be even or odd?

6) 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 10th number in the pattern be even or odd?

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_



Use the patterns to answer the questions.

1)      A      

10	13	16	19	22
7	10	13	16	19

          B      

7	10	13	16	19
---	----	----	----	----

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

2)      A      

3	4	5	6	7
12	16	20	24	28

          B      

12	16	20	24	28
----	----	----	----	----

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 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 20th 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 16th number in the pattern, will the result be even or odd?

6) 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 10th number in the pattern be even or odd?

Answers

1. 237

2. 76

3. 0

4. 40

5. even

6. even





Use the patterns to answer the questions.

1)

A	7	12	17	22	27
B	3	8	13	18	23

The patterns above are synchronized. If the number in pattern A is 175, what will be the number in pattern B?

2)

A	3	4	5	6	7
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 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 11th number in the pattern?

5) A pattern starts with 3. The second number is a 13. The third is a 23. Fourth is a 33 and fifth is 43. If you double the 18th number in the pattern, will the result be even or odd?

6) 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?

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_



Use the patterns to answer the questions.

1)

A	7	12	17	22	27
B	3	8	13	18	23

The patterns above are synchronized. If the number in pattern A is 175, what will be the number in pattern B?

2)

A	3	4	5	6	7
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 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 11th number in the pattern?

5) A pattern starts with 3. The second number is a 13. The third is a 23. Fourth is a 33 and fifth is 43. If you double the 18th number in the pattern, will the result be even or odd?

6) 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?

Answers1. 1712. 643. 04. 225. even6. even



Use the patterns to answer the questions.

1)

A	8	10	12	14	16
B	5	7	9	11	13

The patterns above are synchronized. If the number in pattern A is 144, what will be the number in pattern B?

2)

A	2	3	4	5	6
B	14	21	28	35	42

The patterns above are synchronized. If the number in pattern A is 21, 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 19th 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 23rd number in the pattern?

5) A pattern starts with 1. The second number is a 5. The third is a 9. Fourth is a 13 and fifth is 17. If you double the 18th 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 16th number in the pattern be even or odd?

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_



Use the patterns to answer the questions.

1)

A	8	10	12	14	16
B	5	7	9	11	13

The patterns above are synchronized. If the number in pattern A is 144, what will be the number in pattern B?

2)

A	2	3	4	5	6
B	14	21	28	35	42

The patterns above are synchronized. If the number in pattern A is 21, 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 19th 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 23rd number in the pattern?

5) A pattern starts with 1. The second number is a 5. The third is a 9. Fourth is a 13 and fifth is 17. If you double the 18th 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 16th number in the pattern be even or odd?

**Answers**1. **141**2. **147**3. **5**4. **46**5. **even**6. **even**



Use the patterns to answer the questions.

1)      A      

6	10	14	18	22
3	7	11	15	19

          B      

6	10	14	18	22
3	7	11	15	19

The patterns above are synchronized. If the number in pattern A is 126, what will be the number in pattern B?

2)      A      

2	3	4	5	6
12	18	24	30	36

          B      

2	3	4	5	6
12	18	24	30	36

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 21st number end in a 5 or a 0?

4) In a pattern the first number is a 8. The second number is a 16. The third is a 24. Fourth is a 32. If the pattern continues what will be the 13th number in the pattern?

5) A pattern starts with 3. The second number is a 13. The third is a 23. Fourth is a 33 and fifth is 43. If you double the 19th 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?

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_



Use the patterns to answer the questions.

1)

A	6	10	14	18	22
B	3	7	11	15	19

The patterns above are synchronized. If the number in pattern A is 126, what will be the number in pattern B?

2)

A	2	3	4	5	6
B	12	18	24	30	36

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 21st number end in a 5 or a 0?

4) In a pattern the first number is a 8. The second number is a 16. The third is a 24. Fourth is a 32. If the pattern continues what will be the 13th number in the pattern?

5) A pattern starts with 3. The second number is a 13. The third is a 23. Fourth is a 33 and fifth is 43. If you double the 19th 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?

Answers1. 1232. 1503. 54. 1045. even6. even



Use the patterns to answer the questions.

Answers

1)

A	9	14	19	24	29
B	5	10	15	20	25

The patterns above are synchronized. If the number in pattern A is 171, what will be the number in pattern B?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

2)

A	5	6	7	8	9
B	15	18	21	24	27

The patterns above are synchronized. If the number in pattern A is 22, 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 18th number end in a 5 or a 0?

4) In a pattern the first number is a 7. The second number is a 14. The third is a 21. Fourth is a 28. If the pattern continues what will be the 20th 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 25th 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 17th number in the pattern be even or odd?



Use the patterns to answer the questions.

1)

A	9	14	19	24	29
B	5	10	15	20	25

The patterns above are synchronized. If the number in pattern A is 171, what will be the number in pattern B?

2)

A	5	6	7	8	9
B	15	18	21	24	27

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 18th number end in a 5 or a 0?

4) In a pattern the first number is a 7. The second number is a 14. The third is a 21. Fourth is a 28. If the pattern continues what will be the 20th 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 25th 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 17th number in the pattern be even or odd?

Answers1. 1672. 663. 04. 1405. even6. odd





Use the patterns to answer the questions.

1)      A      

10	13	16	19	22
8	11	14	17	20

          B      

8	11	14	17	20
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The patterns above are synchronized. If the number in pattern A is 140, what will be the number in pattern B?

2)      A      

3	4	5	6	7
18	24	30	36	42

          B      

18	24	30	36	42
----	----	----	----	----

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 12th number end in a 5 or a 0?

4) In a pattern the first number is a 9. The second number is a 18. The third is a 27. Fourth is a 36. If the pattern continues what will be the 25th 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 14th number in the pattern, will the result be even or odd?

6) 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 19th number in the pattern be even or odd?

**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_



Use the patterns to answer the questions.

1)

A	10	13	16	19	22
B	8	11	14	17	20

The patterns above are synchronized. If the number in pattern A is 140, what will be the number in pattern B?

2)

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

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 12th number end in a 5 or a 0?

4) In a pattern the first number is a 9. The second number is a 18. The third is a 27. Fourth is a 36. If the pattern continues what will be the 25th 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 14th number in the pattern, will the result be even or odd?

6) 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 19th number in the pattern be even or odd?

Answers1. 1382. 963. 04. 2255. even6. even



Use the patterns to answer the questions.

1)      A      

7	9	11	13	15
4	6	8	10	12

          B      

7	9	11	13	15
4	6	8	10	12

The patterns above are synchronized. If the number in pattern A is 175, what will be the number in pattern B?

2)      A      

5	6	7	8	9
45	54	63	72	81

          B      

5	6	7	8	9
45	54	63	72	81

The patterns above are synchronized. If the number in pattern A is 23, 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 4. The second number is a 8. The third is a 12. Fourth is a 16. If the pattern continues what will be the 16th 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 20th 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 22nd number in the pattern be even or odd?

**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_



Use the patterns to answer the questions.

1)      A      

7	9	11	13	15
4	6	8	10	12

          B

The patterns above are synchronized. If the number in pattern A is 175, what will be the number in pattern B?

2)      A      

5	6	7	8	9
45	54	63	72	81

          B

The patterns above are synchronized. If the number in pattern A is 23, 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 4. The second number is a 8. The third is a 12. Fourth is a 16. If the pattern continues what will be the 16th 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 20th 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 22nd number in the pattern be even or odd?

Answers

1. 172

2. 207

3. 0

4. 64

5. even

6. even