



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
	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?

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?

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. **109**2. **114**3. **5**4. **75**5. **even**6. **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?

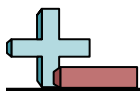
3) In a pattern the first number is a 5. The second number is a 10. The third is a 15. Fourth is a 20. If the pattern continues will the 22nd number end in a 5 or a 0?

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. **83**2. **76**3. **0**4. **216**5. **even**6. **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. **164**2. **75**3. **0**4. **96**5. **even**6. **even**



Use the patterns to answer the questions.

Answers

1)

A	10	13	16	19	22
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?

1. _____

2. _____

3. _____

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 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 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?



Use the patterns to answer the questions.

1)	A	10	13	16	19	22
	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
	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?

Answers1. **237**2. **76**3. **0**4. **40**5. **even**6. **even**



Use the patterns to answer the questions.

Answers

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?

1. _____

2. _____

3. _____

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?

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 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?



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. **171**2. **64**3. **0**4. **22**5. **even**6. **even**



Use the patterns to answer the questions.

Answers

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?

1. _____

2. _____

3. _____

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?

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 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?



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?

Answers1. **141**2. **147**3. **5**4. **46**5. **even**6. **even**



Use the patterns to answer the questions.

Answers

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?

1. _____

2. _____

3. _____

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?

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 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?



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. **123**2. **150**3. **5**4. **104**5. **even**6. **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. **167**2. **66**3. **0**4. **140**5. **even**6. **odd**



Use the patterns to answer the questions.

Answers

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?

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 16, 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 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?



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. **138**2. **96**3. **0**4. **225**5. **even**6. **even**



Use the patterns to answer the questions.

Answers

1)

A	7	9	11	13	15
B	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?

1. _____

2. _____

3. _____

2)

A	5	6	7	8	9
B	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?

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 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?



Use the patterns to answer the questions.

1)	A	7	9	11	13	15
	B	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
	B	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?

Answers1. **172**2. **207**3. **0**4. **64**5. **even**6. **even**