



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**