Identifying Pattern Attributes

Name:

Use the patterns to answer the questions.

1)

Array A	5	10	15	20	25
Array B	1	6	11	16	21

The patterns above are synchronized. If the number in pattern A is 105, what will be the number in pattern B?

2)

Array A	4	5	6	7	8
Array B	8	10	12	14	16

The patterns above are synchronized. If the number in pattern A is 72, 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 13th 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 7. The second number is a 9. The third is a 11. Fourth is a 13 and fifth is 21st. If you double the VAR6 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 15th 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 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 23rd 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 22nd 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 16th number in the pattern be even or odd?
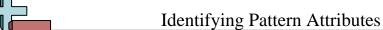
Name:

Use the patterns to answer the questions.

1)

Array A	5	10	15	20	25
Array B	1	6	11	16	21

The patterns above are synchronized. If the number in pattern A is 105, what will be the number in pattern B?

1. **101**

2)

Array A	4	5	6	7	8
Array B	8	10	12	14	16

The patterns above are synchronized. If the number in pattern A is 72, what will be the number in pattern B?

2. **36**

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 13th number end in a 5 or a 0?

3. **5**

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?

4. **140**

5) A pattern starts with 7. The second number is a 9. The third is a 11. Fourth is a 13 and fifth is 21st. If you double the VAR6 number in the pattern, will the result be even or odd?

5. **even**

6. **even**

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 15th number in the pattern be even or odd?

7. **even**

8. **even**

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?

9. **even**

10. **even**

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 23rd 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 22nd 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 16th number in the pattern be even or odd?

1-10	90	80	70	60	50	40	30	20	10	0