# Identifying Pattern Attributes

Name:

Use the patterns to answer the questions.

1) Pattern A

| 10 | 15 | 20 | 25 | 30 |
|---|---|---|---|---|
| 7 | 12 | 17 | 22 | 27 |

Pattern B

The patterns above are synchronized. If the number in pattern A is 190, what will be the number in pattern B?

2) Pattern A

| 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|
| 12 | 18 | 24 | 30 | 36 |

Pattern B

The patterns above are synchronized. If the number in pattern A is 18, 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 6. The second number is a 12. The third is a 18. Fourth is a 24. If the pattern continues what will be the 22nd 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 18th number in the pattern, will the result be even or odd?

6) 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?

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 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 17th 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 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 21st 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.**

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|----|----|----|----|----|
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Pattern B

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2)  Pattern A

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|----|----|----|----|----|
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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 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 21st number in the pattern be even or odd?

**Answers**

1. **187**
2. **108**
3. **5**
4. **132**
5. **even**
6. **even**
7. **odd**
8. **odd**
9. **even**
10. **odd**