Use the patterns to answer the questions.

1) Pattern A

<table>
<thead>
<tr>
<th>9</th>
<th>11</th>
<th>13</th>
<th>15</th>
<th>17</th>
</tr>
</thead>
</table>

Pattern B

| 7 | 9 | 11 | 13 | 15 |

The patterns above are synchronized. If the number in pattern A is 117, what will be the number in pattern B?

2) Pattern A

| 3 | 4 | 5 | 6 | 7 |

Pattern 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 25th number end in a 5 or a 0?

4) In a pattern the first number is a 3. The second number is a 6. The third is a 9. Fourth is a 12. If the pattern continues what will be the 10th 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 15. If you double the 20th 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 24th number in the pattern be even or odd?

7) 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 22nd number in the pattern be even or odd?

8) 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 13th number in the pattern be even or odd?

9) 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?

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 25th number in the pattern be even or odd?
Use the patterns to answer the questions.

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Pattern B
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The patterns above are synchronized. If the number in pattern A is 117, what will be the number in pattern B?

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