Name: _____

Use the patterns to answer the questions.

1)

A	8	11	14	17	20
B	6	9	12	15	18

The patterns above are synchronized. If the number in pattern A is 200, what will be the number in pattern B?

1. _____

2. _____

3. _____

2)

A	3	4	5	6	7
B	30	40	50	60	70

The patterns above are synchronized. If the number in pattern A is 22, what will be the number in pattern B?
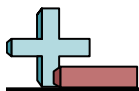
4. _____

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 17th 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 12th number in the pattern?

5) A pattern starts with 5. The second number is a 15. The third is a 25. Fourth is a 35 and fifth is 45. If you double the 14th 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?

Math

Answer Key

Use the patterns to answer the questions.

1)

A	8	11	14	17	20
B	6	9	12	15	18

The patterns above are synchronized. If the number in pattern A is 200, what will be the number in pattern B?

1. _____**198**_____

2. _____**220**_____

2)

A	3	4	5	6	7
B	30	40	50	60	70

The patterns above are synchronized. If the number in pattern A is 22, what will be the number in pattern B?

3. _____**5**_____

4. _____**36**_____

5. _____**even**_____

6. _____**odd**_____

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 17th 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 12th number in the pattern?

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