Name:

Number Patterns

Extend the next two numbers and state the pattern rule. For example: 1, 2, 5, 10, 13, 26, 29 (next two numbers are 58 and 61. Pattern is: multiply by 2, the add 3, multiply by 2 then add 3...

1) 3, 6, 4, 8, 6, 12, 10, _____

2) 95, 94, 91, 86, 79, 70, 59, _____

3) 35, 33, 37, 35, 39, 37, 41, _____

4) 2, 4, 7, 14, 17, 34, 37, _____

5) 52, 47, 49, 43, 45, 38, 40, _____

6) 29, 39, 48, 56, 63, 69, 74, _____

7) 1, 2, 3, 6, 7, 14, 15, _____

8) 7, 14, 8, 16, 10, 20, 14, _____

9) 14, 17, 16, 19, 18, 21, 20, _____

10) 90, 88, 86, 83, 81, 77, 75, _____

Name:

Number Patterns

Extend the next two numbers and state the pattern rule. For example: 1, 2, 5, 10, 13, 26, 29 (next two numbers are 58 and 61. Pattern is: multiply by 2, the add 3, multiply by 2 then add 3...

1) 3, 6, 4, 8, 6, 12, 10, 20, 18 (x 2 - 2 x 2 - 2 x 2 - 2...)

2) 95, 94, 91, 86, 79, 70, 59, 46, 31 (- 1 - 3 - 5 - 7 - 9...)

3) 35, 33, 37, 35, 39, 37, 41, 39, 43 (- 2 + 4 - 2 + 4 - 2 + 4...)

4) 2, 4, 7, 14, 17, 34, 37, 74, 77 (x 2 + 3 x 2 + 3 x 2 + 3...)

5) 52, 47, 49, 43, 45, 38, 40, 32, 34 (- 5 + 2 - 6 + 2 - 7 + 2...)

6) 29, 39, 48, 56, 63, 69, 74, 78, 81 (+ 10 + 9 + 8 + 7...)

7) 1, 2, 3, 6, 7, 14, 15, 30, 31 (x 2 + 1 x 2 + 1 x 2 + 1...)

8) 7, 14, 8, 16, 10, 20, 14, 28, 22 (x 2 - 6 x 2 - 6 x 2 - 6...)

9) 14, 17, 16, 19, 18, 21, 20, 23, 22 (+ 3 - 1 + 3 - 1 + 3 - 1...)

10) 90, 88, 86, 83, 81, 77, 75, 70, 68 (- 2 - 2 - 3 - 2 - 4 - 2...)