



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) 58, 53, 50, 44, 41, 34, 31, _____

2) 81, 78, 77, 73, 72, 67, 66, _____

3) 58, 64, 62, 69, 67, 75, 73, _____

4) 51, 46, 41, 35, 30, 23, 18, _____

5) 2, 4, 6, 12, 14, 28, 30, _____

6) 23, 29, 26, 33, 30, 38, 35, _____

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

8) 25, 20, 27, 22, 29, 24, 31, _____

9) 93, 90, 85, 78, 69, 58, 45, _____

10) 42, 52, 61, 69, 76, 82, 87, _____



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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) 58, 53, 50, 44, 41, 34, 31, 23, 20 (- 5 - 3 - 6 - 3 - 7 - 3...)

2) 81, 78, 77, 73, 72, 67, 66, 60, 59 (- 3 - 1 - 4 - 1 - 5 - 1...)

3) 58, 64, 62, 69, 67, 75, 73, 82, 80 (+ 6 - 2 + 7 - 2 + 8 - 2...)

4) 51, 46, 41, 35, 30, 23, 18, 10, 5 (- 5 - 5 - 6 - 5 - 7 - 5...)

5) 2, 4, 6, 12, 14, 28, 30, 60, 62 ($\times 2 + 2 \times 2 + 2 \times 2 + 2...$)

6) 23, 29, 26, 33, 30, 38, 35, 44, 41 (+ 6 - 3 + 7 - 3 + 8 - 3...)

7) 2, 4, 7, 14, 17, 34, 37, 74, 77 ($\times 2 + 3 \times 2 + 3 \times 2 + 3...$)

8) 25, 20, 27, 22, 29, 24, 31, 26, 33 (- 5 + 7 - 5 + 7 - 5 + 7...)

9) 93, 90, 85, 78, 69, 58, 45, 30, 13 (- 3 - 5 - 7 - 9 - 11...)

10) 42, 52, 61, 69, 76, 82, 87, 91, 94 (+ 10 + 9 + 8 + 7...)