Integer patterns

Find the rule, then write the next two numbers.

Name: _____

Score: _____ / 10

1. −13, −7, −1, 5, _____, _____

2. 13, 8, 3, −2, _____, _____

3. −19, −17, −15, −13, _____, _____

4. −12, −3, 6, 15, _____, _____

5. −18, −12, −6, 0, _____, _____

6. −23, −16, −9, −2, _____, _____

7. 26, 24, 22, 20, _____, _____

8. −1, 2, −4, 8, _____, _____

9. 16, 7, −2, −11, _____, _____

10. 4, −8, 16, −32, _____, _____

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Answer key: Integer patterns

1. −13, −7, −1, 5, 11, 17 (add 6 each time)

2. 13, 8, 3, −2, −7, −12 (take away 5 each time)

3. −19, −17, −15, −13, −11, −9 (add 2 each time)

4. −12, −3, 6, 15, 24, 33 (add 9 each time)

5. −18, −12, −6, 0, 6, 12 (add 6 each time)

6. −23, −16, −9, −2, 5, 12 (add 7 each time)

7. 26, 24, 22, 20, 18, 16 (take away 2 each time)

8. −1, 2, −4, 8, −16, 32 (multiply by −2 each time)

9. 16, 7, −2, −11, −20, −29 (take away 9 each time)

10. 4, −8, 16, −32, 64, −128 (multiply by −2 each time)

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