Integer patterns

Find the rule, then write the next two numbers.

Name: _____

Score: _____ / 10

1. 4, −8, 16, −32, _____, _____

2. 9, 6, 3, 0, _____, _____

3. −28, −21, −14, −7, _____, _____

4. −25, −16, −7, 2, _____, _____

5. −20, −13, −6, 1, _____, _____

6. −9, 0, 9, 18, _____, _____

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

8. 18, 16, 14, 12, _____, _____

9. −20, −18, −16, −14, _____, _____

10. −3, 6, −12, 24, _____, _____

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Answer key: Integer patterns

1. 4, −8, 16, −32, 64, −128 (multiply by −2 each time)

2. 9, 6, 3, 0, −3, −6 (take away 3 each time)

3. −28, −21, −14, −7, 0, 7 (add 7 each time)

4. −25, −16, −7, 2, 11, 20 (add 9 each time)

5. −20, −13, −6, 1, 8, 15 (add 7 each time)

6. −9, 0, 9, 18, 27, 36 (add 9 each time)

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

8. 18, 16, 14, 12, 10, 8 (take away 2 each time)

9. −20, −18, −16, −14, −12, −10 (add 2 each time)

10. −3, 6, −12, 24, −48, 96 (multiply by −2 each time)

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