#### Study Island

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**1.** Simplify the following expression.

|  |  |
| --- | --- |
|  | **A.** |

|  |  |
| --- | --- |
|  | **B.** |

|  |  |
| --- | --- |
|  | **C.** |

|  |  |
| --- | --- |
|  | **D.** |

**2.** Simplify the following expression.

|  |  |
| --- | --- |
|  | **A.** |

|  |  |
| --- | --- |
|  | **B.** |

|  |  |
| --- | --- |
|  | **C.** |

|  |  |
| --- | --- |
|  | **D.** |

**3.** Evaluate the following expression when *n* = -6.

-10|*n* + 9|

|  |  |
| --- | --- |
|  | **A.** -7 |

|  |  |
| --- | --- |
|  | **B.** -150 |

|  |  |
| --- | --- |
|  | **C.** -30 |

|  |  |
| --- | --- |
|  | **D.** 30 |

**4.** Evaluate the following expression when *n* = 8.

|*n* - 7| - |2 - *n*|

|  |  |
| --- | --- |
|  | **A.** -5 |

|  |  |
| --- | --- |
|  | **B.** 7 |

|  |  |
| --- | --- |
|  | **C.** |((-1)^y)\*a\*#abs(n+b)#| |

|  |  |
| --- | --- |
|  | **D.** |#abs(a\*n-b)#+#abs(c)#| |

**5.** Simplify: |72 - 6 • 11| - 12|17 - 13|

|  |  |
| --- | --- |
|  | **A.** -211 |

|  |  |
| --- | --- |
|  | **B.** 42 |

|  |  |
| --- | --- |
|  | **C.** 211 |

|  |  |
| --- | --- |
|  | **D.** -42 |