#### Study Island

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**6.**

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

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

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

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

**7.** Simplify:

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

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

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

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

**8.** Simplify:

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

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

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

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

**9.** Evaluate the following expression when *r* = 2 and *t* = 3.

(2 + *r*)*t* - 16

|  |  |
| --- | --- |
|  | **A.** 11 |

|  |  |
| --- | --- |
|  | **B.** 48 |

|  |  |
| --- | --- |
|  | **C.** 0 |

|  |  |
| --- | --- |
|  | **D.** 60 |

**10.** Simplify the following.

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

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

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

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