#### Study Island

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Generated By: **Trish Angell**

**6.** ![https://media.studyisland.com/cgi-bin/mimetex.cgi?\text%7bEvaluate%20the%20following%20expression%20for%20%7dm\,=\,25.\\%20\vspace*%7b9%20\hspace*%7b-10%7d%7d%20\\%20\begin%7barray%7d%7bc%7d\hspace*%7b500%7d%20\\\sqrt%7b4m%7d\%20+\%2010\end%7barray%7d](data:None;base64...)

|  |  |
| --- | --- |
| Bubble | **A.** https://media.studyisland.com/cgi-bin/mimetex.cgi?30 |

|  |  |
| --- | --- |
| Bubble | **B.** https://media.studyisland.com/cgi-bin/mimetex.cgi?20 |

|  |  |
| --- | --- |
| Bubble | **C.** https://media.studyisland.com/cgi-bin/mimetex.cgi?10 |

|  |  |
| --- | --- |
| Bubble | **D.** https://media.studyisland.com/cgi-bin/mimetex.cgi?0 |

**7.** Simplify:

![https://media.studyisland.com/cgi-bin/mimetex.cgi?(2\sqrt%7b7%7d\%20+\%203\sqrt%7b2%7d)(2\sqrt%7b7%7d\%20-\%203\sqrt%7b2%7d)](data:None;base64...)

|  |  |
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| Bubble | **A.** https://media.studyisland.com/cgi-bin/mimetex.cgi?10+ https://media.studyisland.com/cgi-bin/mimetex.cgi?6\sqrt%7b14%7d |

|  |  |
| --- | --- |
| Bubble | **B.** https://media.studyisland.com/cgi-bin/mimetex.cgi?10 |

|  |  |
| --- | --- |
| Bubble | **C.** https://media.studyisland.com/cgi-bin/mimetex.cgi?46 |

|  |  |
| --- | --- |
| Bubble | **D.** https://media.studyisland.com/cgi-bin/mimetex.cgi?10- https://media.studyisland.com/cgi-bin/mimetex.cgi?6\sqrt%7b14%7d |

**8.** Simplify:

![https://media.studyisland.com/cgi-bin/mimetex.cgi?\frac%7b18\sqrt%7b35%7d%7d%7b9\sqrt%7b5%7d%7d](data:None;base64...)

|  |  |
| --- | --- |
| Bubble | **A.** https://media.studyisland.com/cgi-bin/mimetex.cgi?2\sqrt%7b5%7d |

|  |  |
| --- | --- |
| Bubble | **B.** https://media.studyisland.com/cgi-bin/mimetex.cgi?5\sqrt%7b7%7d |

|  |  |
| --- | --- |
| Bubble | **C.** https://media.studyisland.com/cgi-bin/mimetex.cgi?7\sqrt%7b2%7d |

|  |  |
| --- | --- |
| Bubble | **D.** https://media.studyisland.com/cgi-bin/mimetex.cgi?2\sqrt%7b7%7d |

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

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

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

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

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

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

**10.** Simplify the following.

![https://media.studyisland.com/cgi-bin/mimetex.cgi?\left(9%20\%20+%20\%206\right)%20\%20\div%20\%20\sqrt%7b9%7d%20\%20\times%20\%209%20\%20-%20\%2018](data:None;base64...)

|  |  |
| --- | --- |
| Bubble | **A.** https://media.studyisland.com/cgi-bin/mimetex.cgi?-17 |

|  |  |
| --- | --- |
| Bubble | **B.** https://media.studyisland.com/cgi-bin/mimetex.cgi?63 |

|  |  |
| --- | --- |
| Bubble | **C.** https://media.studyisland.com/cgi-bin/mimetex.cgi?-10 |

|  |  |
| --- | --- |
| Bubble | **D.** https://media.studyisland.com/cgi-bin/mimetex.cgi?27 |