|  |  |
| --- | --- |
| **11.** | A biologist measures the temperature of a lake each week during the summer. This table shows seven weeks of measurements.  /files/assess_files/a7dbb859-991d-46a6-8377-b5d7bc328bbe/image/f70f41f7-dac8-4b4c-b66d-6eab39b7bdba.gif  Which equation can be used to find the temperature, *t*, of the lake during these seven weeks, *w*? |
|  |
|  | |  |  | | --- | --- | | **A.** | /files/assess_files/9dc93326-1c00-49a0-b5cc-80125c4445ba/image/cd38491c-91e5-4899-a054-350f3daeb1e3.gif | |
|  |  |
|  | |  |  | | --- | --- | | **B.** | /files/assess_files/5c965262-883e-4f57-8fee-f1b7d972af4b/image/7ed70e1e-f6ef-43ee-9b07-af20fd13893c.gif | |
|  |  |
|  | |  |  | | --- | --- | | **C.** | /files/assess_files/f220b106-5206-4417-bff9-7634aa10d423/image/b08aca82-a643-4a17-87cc-8b44f4edcef4.gif | |
|  |  |
|  | |  |  | | --- | --- | | **D.** | /files/assess_files/3754af87-b424-475a-8568-d2d1cfe3a944/image/7a112f32-8d95-46fd-9dbd-1808d8fb1d30.gif | |
|  |  |
|  |  |
| **12.** | **Edward is buying tickets to a football game.**   |  |  | | --- | --- | | Tickets Bought | | | Number (*N*) of  Tickets | Cost (*C*) of  Tickets | | 1 | $18 | | 2 | $36 | | 3 | $54 |   **Which equation will help him determine the amount of money he will spend for tickets?** |
|  |
|  | |  |  | | --- | --- | | **A.** | /files/assess_files/42ac3650-5cbf-42e1-bc49-706f98cc2a3b/I32213_68.gif | |
|  |  |
|  | |  |  | | --- | --- | | **B.** | /files/assess_files/377daf59-b856-4fad-a301-efcab8f0eddd/I32213_69.gif | |
|  |  |
|  | |  |  | | --- | --- | | **C.** | /files/assess_files/10909898-6cbf-4f73-bdd9-6b2c54c7c479/I32213_70.gif | |
|  |  |
|  | |  |  | | --- | --- | | **D.** | /files/assess_files/f7bec8da-e7d3-4518-b872-b3f43fceb328/I32213_71.gif | |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **13.** | A family went snow skiing. The chart below shows the cost to rent skis, *y*, based on the number of hours rented, *x*.  **Ski Rental Cost**   |  |  | | --- | --- | | **Hours**   **Rented** (*x*) | **Cost** (*y*) | | 3 | $48 | | 5 | $80 | | 7 | $112 | | 9 | $144 |   Which equation will calculate the family’s cost to rent skis for *x*hours? |
|  |
|  | |  |  | | --- | --- | | **A.** | *y* = 2*x* | |
|  |  |
|  | |  |  | | --- | --- | | **B.** | *y* = 16*x* | |
|  |  |
|  | |  |  | | --- | --- | | **C.** | *y* = 32*x* | |
|  |  |
|  | |  |  | | --- | --- | | **D.** | *y* = 48*x* | |  |  | |
| . | 15. Alexis saves her money each week. Her savings are shown in the table below.   |  |  | | --- | --- | | **Week**  (*x*) | **Amount**   **Saved** (*y*) | | 1 | $3 | | 2 | $6 | | 3 | $9 | | 4 | $12 |   Which equation calculates the amount of money Alexis has saved after *x* weeks? |
|  |
|  | |  |  | | --- | --- | | **A.** | /files/assess_files/1bcdae66-d8ee-4685-86ff-ec4b69621b09/I380558_1.png | |
|  |  |
|  | |  |  | | --- | --- | | **B.** | /files/assess_files/1ea60865-5132-4f09-9023-62a6da1daf68/I380558_2.png | |
|  |  |
|  | |  |  | | --- | --- | | **C.** | /files/assess_files/a7fc94dd-0c09-43bc-ba1c-5395b4ef7552/I380558_3.png | |
|  |  |
|  | |  |  | | --- | --- | | **D.** | /files/assess_files/5bf9a241-dab0-47fa-b409-bd0b52c05bcc/I380558_4.png | |