

## Assessment for Learning: “Good Times”

Curriculum Expectations: A1.1, A1.3, A1.4, A2.1, A2.2, A2.3, A3.1, A4.1, A4.3, A4.4, A4.5, B1.1, B1.3, B3.1

Test Cases			
Description	Input	Expected Output	Score
<p>A simple case (middle of day, no boundaries).</p> <p>Need six correct values for all cities.</p> <p>Two points for exactly correct text.</p>	1400	<p>1400 in Ottawa</p> <p>1100 in Victoria</p> <p>1200 in Edmonton</p> <p>1300 in Winnipeg</p> <p>1400 in Toronto</p> <p>1500 in Halifax</p> <p>1530 in St. John's</p>	0 1 2 3 4 5 6 7 <b>8</b>
<p>Midnight (test for correction of negative time values, i.e.: one day in Ottawa, and a day earlier still on west coast).</p> <p>Need 3 correct values for west coast cities.</p>	0	<p>0 in Ottawa</p> <p>2100 in Victoria</p> <p>2200 in Edmonton</p> <p>2300 in Winnipeg</p> <p>0 in Toronto</p> <p>100 in Halifax</p> <p>130 in St. John's</p>	0 1 2 <b>3</b>
<p>A minute before midnight.</p> <p>Halifax time needs to be accurate (without correct shows as 2459).</p> <p>St. John's time needs to be accurate (without correction time shows as 89 for St. John's).</p>	2359	<p>2359 in Ottawa</p> <p>2059 in Victoria</p> <p>2159 in Edmonton</p> <p>2259 in Winnipeg</p> <p>2359 in Toronto</p> <p>59 in Halifax</p> <p>129 in St. John's</p>	0 1 <b>2</b>
<p>12:59 AM (59 minutes past midnight).</p> <p>St. John's time needs to be accurate (without correction time shows as 189 for St. John's).</p>	59	<p>59 in Ottawa</p> <p>2159 in Victoria</p> <p>2259 in Edmonton</p> <p>2359 in Winnipeg</p> <p>59 in Toronto</p> <p>159 in Halifax</p> <p>229 in St. John's</p>	0 <b>1</b>

Test Cases			
Description	Input	Expected Output	Score
Empty input (return pressed with no input).		Provide an integer value between 0 and 2359 inclusive.	0 <b>1</b>
String input.	1 o'clock	Provide an integer value between 0 and 2359 inclusive.	0 <b>1</b>
Non-integer input.	1.5	Provide an integer value between 0 and 2359 inclusive.	0 <b>1</b>
Out of range integer input.	2400	Provide an integer value between 0 and 2359 inclusive.	0 <b>1</b>
Out of range integer input.	-1	Provide an integer value between 0 and 2359 inclusive.	0 <b>1</b>
In range integer input, but not a valid military time value (last two digits not between 00 and 59).	1089	Provide an integer value between 0 and 2359 inclusive.	0 <b>1</b>

**NOTE:** Error message for final four test cases could also read:

Please provide an integer value between 0 and 2359.

(There was a small inconsistency in the instructions given about the error message).

### Comments

Final score

**20**

out of

20