

Math 6 - Unit 3: Expressions

Get a Clue (Evaluating Expressions)


Name: _____

Class Period: 1 2 3 4 Date: _____

Solve each problem. Show **ALL** work and **CIRCLE** your answers. Use your answers and the answer table to remove options and figure out Who? Where? and What?

1) $9y - 3$, if $y = 11$	2) $7m$, if $m = 5$	3) $d^2 - 2d$, if $d = 9$
4) $6q + 39$, if $q = 10$	5) $6v$, if $v = 3$	6) $j^3 + 11$, if $j = 8$
7) $2k^2 + 5k + 2$, if $k = 11$	8) $\frac{n}{3} + n$, if $n = 27$	9) $a \div 3$, if $a = 42$
10) $4(11 + p) + 13$, if $p = 89$	11) $h^3 - 2$, if $h = 7$	12) $14z - 1$, if $z = 9$

13) $15e + 37$, if $e = 5$	14) $19r$, if $r = 8$	15) $x^2 + 2x + 4 + x$, if $x = 10$
16) $7(4 + h)$, if $h = 21$	17) $13 + w$, if $w = 26$	18) $b - 15$, if $b = 15$
19) $\frac{y}{12} + y$, if $y = 72$	20) $3b^2 + 5b$, if $b = 2$	21) $8e + 22$, if $e = 5$

	Who?	Where?	What?
<p><i>Find your answers in the table to the right and cross out the box containing the answer.</i></p> <p><i>When you are done circle the person, place or thing that is left over in each column to solve the mystery.</i></p> 	<p>Lucy 0</p>	<p>The Park 62</p>	<p>Selling Lemonade 134</p>
	<p>Linus 14</p>	<p>Football Field 63</p>	<p>Kicking the Ball 152</p>
	<p>Snoopy 18</p>	<p>School 78</p>	<p>Hugging Blanket 175</p>
	<p>Peppermint Patty 22</p>	<p>Pumpkin Patch 96</p>	<p>Flying a Plane 192</p>
	<p>Charlie Brown 30</p>	<p>Home 99</p>	<p>Going to a Dance 299</p>
	<p>Woodstock 35</p>	<p>Dog House 112</p>	<p>Playing Piano 341</p>
	<p>Sally 36</p>	<p>The Woods 116</p>	<p>At a Party 413</p>
	<p>Pigpen 39</p>	<p>Baseball Field 125</p>	<p>In the Booth 523</p>

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ANSWER KEY

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Solve each problem. Show ALL work and CIRCLE your answers. Use your answers and the answer table to remove options and figure out Who? Where? and What?

1) $9y - 3$, if $y = 11$ 96	2) $7m$, if $m = 5$ 35	3) $d^2 - 2d$, if $d = 9$ 63
4) $6q + 39$, if $q = 10$ 99	5) $6v$, if $v = 3$ 18	6) $j^3 + 11$, if $j = 8$ 523
7) $2k^2 + 5k + 2$, if $k = 11$ 299	8) $\frac{n}{3} + n$, if $n = 27$ 36	9) $a \div 3$, if $a = 42$ 14
10) $4(11 + p) + 13$, if $p = 89$ 413	11) $h^3 - 2$, if $h = 7$ 341	12) $14z - 1$, if $z = 9$ 125

13) $15e + 37$, if $e = 5$ 112	14) $19r$, if $r = 8$ 152	15) $x^2 + 2x + 4 + x$, if $x = 10$ 134
16) $7(4 + h)$, if $h = 21$ 175	17) $13 + w$, if $w = 26$ 39	18) $b - 15$, if $b = 15$ 0
19) $\frac{y}{12} + y$, if $y = 72$ 78	20) $3b^2 + 5b$, if $b = 2$ 22	21) $8e + 22$, if $e = 5$ 62

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