



# Evaluating Algebraic Expressions

Name \_\_\_\_\_

Score \_\_\_\_\_

EAE:17

Complete the table.

1)

n	7	-1.2	-2	3
$3n + 7 - 4n^2$				

2)

d	1	8	-4	-2.5
$2 + d^3$				

3)

q	3.3	-11	-1	5
$q^2$				

4)

k	-8	0	-12	1.4
$4(k - 1)$				

5)

x	2	-4.5	-3	1
y	-6	4	0	-1.8
$2x^2 - xy + 3y^2$				



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## Answer key

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Complete the table.

1)

n	7	-1.2	-2	3
$3n + 7 - 4n^2$	<b>-168</b>	<b>-2.36</b>	<b>-15</b>	<b>-20</b>

2)

d	1	8	-4	-2.5
$2 + d^3$	<b>3</b>	<b>514</b>	<b>-62</b>	<b>-13.625</b>

3)

q	3.3	-11	-1	5
$q^2$	<b>10.89</b>	<b>121</b>	<b>1</b>	<b>25</b>

4)

k	-8	0	-12	1.4
$4(k - 1)$	<b>-36</b>	<b>-4</b>	<b>-52</b>	<b>1.6</b>

5)

x	2	-4.5	-3	1
y	-6	4	0	-1.8
$2x^2 - xy + 3y^2$	<b>128</b>	<b>106.5</b>	<b>18</b>	<b>13.52</b>