Evaluate Expressions

Name: _____ Score: _____

Evaluate the following expressions for a = -1 and b = 5

$5b - 5 + 10$	$2a^2 - 13 + 10$	$b + b^2 - 5$
$4a - 6 + 2b$	$2a^2 - 9a + 10$	$b + 2a^2 - 5$
$6a^2 + b - 10$	$10 + b^2 - 2b^2$	$3a + 2b + 5$
$a + 3b - 15$	$3a^2 + b^2 - 28$	$-5a - 2b + 15$
$a + 2a^2 - 3$	$9a^2 - 4 + b$	$6 + 16a^2 - a^2$
$-10 + 5b - b^2$	$2a + 3 + a^2$	$15 + a^2 - b^2$
$3b^2 + a + 45$	$3a + b^2 - 12$	$2 - 2a^2 - 4b$

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Answers

Evaluate the following expressions for a = -1 and b = 5

$5b - 5 + 10$

30

$2a^2 - 13 + 10$

-1

$b + b^2 - 5$

25

$4a - 6 + 2b$

0

$2a^2 - 9a + 10$

21

$b + 2a^2 - 5$

2

$6a^2 + b - 10$

1

$10 + b^2 - 2b^2$

-15

$3a + 2b + 5$

12

$a + 3b - 15$

-1

$3a^2 + b^2 - 28$

0

$-5a - 2b + 15$

10

$a + 2a^2 - 3$

-2

$9a^2 - 4 + b$

10

$6 + 16a^2 - a^2$

21

$-10 + 5b - b^2$

-10

$2a + 3 + a^2$

2

$15 + a^2 - b^2$

-9

$3b^2 + a + 45$

119

$3a + b^2 - 12$

10

$2 - 2a^2 - 4b$

-20

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