Evaluate Expressions

Name: _____   Score: _____

Evaluate the following expressions for r = -1 and t = 2

$3 + 3r - 3r^2 - 3r$

$2r + 2t^2 - 2r^2 - 2t^2$

$4 - 4t^2 + 4r^2 - 4$

$11 + 3r - 2r^2 - 3t$

$t + r^2 - r^2 - 12$

$4 - 2r^2 + 2t^2 - 5$

$3r^2 + t - 2t + 14$

$6 - 2rt - 6 + rt$

$t^2 + 2r + 5r - 10$

$4t - 3rt + 2 - rt$

$t^2 + 1 + 2t - 3r^2$

$-2t^2 - 2t^2 + 3r + 2r$

$2t + r^2 - 5t + 10$

$12 + 4r^2 - 3t + 10$

$6 + 3t - 2r^2 - r^2$

$2r^2 - t + 12 - 2r^2$

$t^2 - 3t + 2r - 5$

$6 + t + 3r^2 - r^2$

$3t - 6 + t + 2r^2$

$10 + r^2 - 2t^2 + 3r$

$r^3 + 2t^2 - 2t^3 - 3$

Answers

Evaluate the following expressions for r = -1 and t = 2

$3 + 3r - 3r^2 - 3r$

0

$2r + 2t^2 - 2r^2 - 2t^2$

-4

$4 - 4t^2 + 4r^2 - 4$

-12

$11 + 3r - 2r^2 - 3t$

0

$t + r^2 - r^2 - 12$

-10

$4 - 2r^2 + 2t^2 - 5$

5

$3r^2 + t - 2t + 14$

15

$6 - 2rt - 6 + rt$

2

$t^2 + 2r + 5r - 10$

-13

$4t - 3rt + 2 - rt$

18

$t^2 + 1 + 2t - 3r^2$

6

$-2t^2 - 2t^2 + 3r + 2r$

-21

$2t + r^2 - 5t + 10$

5

$12 + 4r^2 - 3t + 10$

20

$6 + 3t - 2r^2 - r^2$

9

$2r^2 - t + 12 - 2r^2$

10

$t^2 - 3t + 2r - 5$

-9

$6 + t + 3r^2 - r^2$

10

$3t - 6 + t + 2r^2$

4

$10 + r^2 - 2t^2 + 3r$

0

$r^3 + 2t^2 - 2t^3 - 3$

-12