

Evaluate an expression at a negative value

NAME	DATE	SCORE / 10
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1 Find the value of $-n^2 + 15$ when $n = -3$.

2 Ivy says that when $n = -8$, the value of $8n^2$ is 512. Is Ivy right?

☐ No, the value is 4096 ☐ Yes, Ivy is right ☐ No, the value is -512

3 Find the value of $6x - 13$ when $x = -3$.

4 Leo says that when $n = -3$, the value of $n^2 + 12$ is 21. Is Leo right?

☐ Yes, Leo is right ☐ No, the value is 3 ☐ No, the value is 6

5 Find the value of $n^2 - 6n$ when $n = -4$.

6 Ana says that when $x = -6$, the value of $-x^2 + 2$ is 14. Is Ana right?

☐ No, the value is -34 ☐ Yes, Ana is right ☐ No, the value is 38

7 Find the value of $1 - 5n$ when $n = -7$.

8

Noah says that when $x = -7$, the value of $4 - 8x$ is 3. Is Noah right?

- ☐ No, the value is -52 ☐ Yes, Noah is right ☐ No, the value is 60

9

Find the value of $9n - 6$ when $n = -2$.

10

Ana says that when $n = -9$, the value of $2n^2$ is 162. Is Ana right?

- ☐ No, the value is 324 ☐ No, the value is -162 ☐ Yes, Ana is right

Evaluate an expression at a negative value

1 6

3 -31

5 40

7 36

9 -24

2 Yes, Ivy is right

4 Yes, Leo is right

6 No, the value is -34

8 No, the value is 60

10 Yes, Ana is right