

Evaluate an expression at a negative value

NAME	DATE	SCORE / 10
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1 Find the value of $x^2 - 9x$ when $x = -2$.

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

☐ No, the value is 28 ☐ Yes, Emma is right ☐ No, the value is -4

3 Find the value of $8x - 5$ when $x = -7$.

4 Noah says that when $x = -9$, the value of $x^2 + 13$ is 94. Is Noah right?

☐ No, the value is -5 ☐ Yes, Noah is right ☐ No, the value is -68

5 Find the value of $2n + 4$ when $n = -7$.

6 Dev says that when $x = -5$, the value of $-x^2 + 4$ is 29. Is Dev right?

☐ No, the value is 14 ☐ Yes, Dev is right ☐ No, the value is -21

7 Find the value of $8 - 3x$ when $x = -4$.

8 Emma says that when $x = -6$, the value of $15 - 5x$ is 45. Is Emma right?

- ☐ No, the value is 16 ☐ No, the value is -15 ☐ Yes, Emma is right
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9 Find the value of $14 - 4n$ when $n = -6$.

10 Leo says that when $n = -5$, the value of $n^2 + 12$ is 37. Is Leo right?

- ☐ No, the value is 2 ☐ Yes, Leo is right ☐ No, the value is -13

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1 22

3 -61

5 -10

7 20

9 38

2 No, the value is 28

4 Yes, Noah is right

6 No, the value is -21

8 Yes, Emma is right

10 Yes, Leo is right