

- [CPSC 275: Introduction to Computer Systems](#)

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Fall 2025

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Solution to Homework 7

1.

Expression	Type	Evaluation
$-2147483647 - 1 == 2147483648U$	unsigned	1
$-2147483647 - 1 < 2147483647$	signed	1
$-2147483647 - 1U < 2147483647$	unsigned	0
$-2147483647 - 1 < -2147483647$	signed	1
$-2147483647 - 1U < -2147483647$	unsigned	1

2.

$$-528 + 2^{32} = -528 + 4,294,967,296 = 4,294,966,768$$

- **Welcome: Sean**

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