

Adding Integers with the Rules

Sept 15, 2023

Rules:

- 1) If the **signs are the same**
 - ↳ Add
 - ↳ Keep the sign

Example: $(-5) + (-2) = -7$

Model

■ ■ ■ ■ ■	5
■ ■	+ 2
	7

- 2) If the **signs are different**
 - ↳ Ignore the signs until the end
 - ↳ Subtract the smaller number from the numerically larger number
 - ↳ Take the sign of the larger number

Example: $(-4) + (+6) = +2$

Model

■ ■ ■ ■	□ □	6
□ □ □ □ □ □	□ □	- 4
		2

Try: $(+13) + (+17) = +30$

$(-10) + (+25) = +15$

$(-3) + (-63) = -66$