

Name _____

Date _____

Integer Addition Rules

When adding integers with the **same** sign, find the sum of the numbers. The answer will have the same sign as the original numbers.

$$2 + 6 = 8$$


$$-9 + (-3) = -12$$

When adding integers with **different** signs, find the difference of the numbers. The answer will have the sign of the number with the larger absolute value.

$$-8 + 10 = 2$$

$$1 + (-7) = -6$$

Use integer addition rules to determine if the answer to each problem will be positive or negative. The first one has been done for you.

-6 + 8  -	5 + 2 + -	-7 + (-3) + -	1 + (-4) + -	-8 + (-9) + -
10 + (-7) + -	-20 + (-6) + -	-11 + 4 + -	-2 + (-18) + -	12 + (-9) + -
-24 + (-21) + -	18 + (-15) + -	-19 + 27 + -	15 + (-11) + -	-16 + (-23) + -

Solve each problem. Use integer addition rules to help!

$-4 + (-5) = \underline{\hspace{2cm}}$	$6 + (-7) = \underline{\hspace{2cm}}$	$-2 + (-3) = \underline{\hspace{2cm}}$	$-7 + 8 = \underline{\hspace{2cm}}$
$1 + (-8) = \underline{\hspace{2cm}}$	$-9 + 1 = \underline{\hspace{2cm}}$	$-5 + (-6) = \underline{\hspace{2cm}}$	$8 + (-12) = \underline{\hspace{2cm}}$
$-10 + (-4) = \underline{\hspace{2cm}}$	$-4 + 11 = \underline{\hspace{2cm}}$	$13 + (-7) = \underline{\hspace{2cm}}$	$-14 + (-2) = \underline{\hspace{2cm}}$
$20 + (-11) = \underline{\hspace{2cm}}$	$-15 + 17 = \underline{\hspace{2cm}}$	$-18 + (-12) = \underline{\hspace{2cm}}$	$-22 + (-22) = \underline{\hspace{2cm}}$