## ADDITION

Same sign: Ignore the signs and add the 2 numbers. Give the answer the sign they both share.

$$
-5+(-3)=-8 \quad 11+4=\underset{+}{15}+
$$

Ignore the signs and subtract the 2 numbers. Give the answer the sign of the larger absolute value.

$$
\begin{array}{cc}
-8+2=-6 \quad 14+(-3)= & 11 \\
+ & +
\end{array}
$$

## SUBTRACTION

Change to addition by adding the opposite. Then follow the addition rule.

$=-5 \quad=2$

## MULTIPLICATION \& DIVISION

Same sign:
The answer is positive.

$$
-5 \cdot(-2)=10 \quad 20 \div 4=5
$$

Different signs: The answer is negative.

$$
10 \cdot(-2)=-20 \quad-8 \div 4=-2
$$

