

A  
D +  
D  
I  
N  
+ G

M  
U  
L  
T  
I  
P  
L  
Y  
• ( )

S  
U  
B  
T  
R  
A  
C  
T  
—

D  
I  
V  
I  
D  
E  
#  
#

## Same sign

- add the numbers
- the answer is the same sign as the numbers

**EX**  $(-2) + (-4) = -6$

## different signs

- SUBTRACT the smaller # from the larger #
- the sign of the answer is the same sign as the larger #

**EX**  $(-15) + 4 = -11$

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

## Leave, change, change

- Leave the first # the same
  - change the subtraction sign to an addition sign
  - change the sign of the second #
- \* Follow the addition rules.

**EX**  $(-6) - 4 =$  **EX**  $5 - (-4) =$

$(-6) + (-4) = -10$        $5 + 4 = 9$

$+$  •  $+$  =  $+$

$+$  •  $-$  =  $-$

$-$  •  $+$  =  $-$

$-$  •  $-$  =  $+$

same signs:

positive

different signs:

negative

$+$  ÷  $+$  =  $+$

$-$  ÷  $-$  =  $+$

$-$  ÷  $+$  =  $-$

$+$  ÷  $-$  =  $-$

same signs:

positive

different signs:

negative