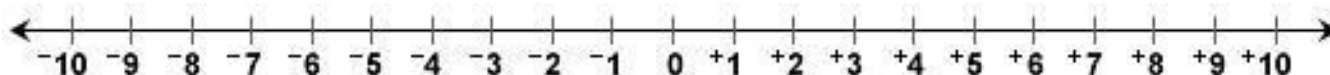


## Adding Integers (Investigation)

What is an Integer?

What do you mean add?

Using the Number line:



Use a calculator to find a pattern when adding integers.

### *EXERCISE 1: Adding two positives*

a)  $(+4) + (+6) =$

b)  $(+8) + (+5) =$

c)  $(+7) + (+1) =$

d)  $(+4) + (+11) =$

e)  $(+9) + (+7) =$

f)  $(+2) + (+5) =$

When two positive integers are added, the result is \_\_\_\_\_

### *EXERCISE 2: Adding a large positive and a small negative*

a)  $(+4) + (-1) =$

b)  $(+8) + (-6) =$

c)  $(+7) + (-2) =$

d)  $(+14) + (-5) =$

e)  $(+9) + (-5) =$

f)  $(+22) + (-15) =$

When a large positive (+) integer is added to a small negative (-) integer, the result is \_\_\_\_\_

***EXERCISE 3: Adding a small positive and a large negative***

a)  $(+ 4) + (- 10) =$

b)  $(+ 2) + (- 6) =$

c)  $(- 7) + (+ 2) =$

d)  $(+ 4) + (- 5) =$

e)  $(- 9) + (+ 6) =$

f)  $(+ 2) + (- 15) =$

When a small positive (+) integer is added to a large negative (-) integer, the result is \_\_\_\_\_

***EXERCISE 4: Adding two negatives***

a)  $(- 4) + (- 1) =$

b)  $(- 2) + (- 5) =$

c)  $(- 9) + (- 2) =$

d)  $(- 4) + (- 6) =$

e)  $(- 9) + (- 7) =$

f)  $(- 12) + (- 15) =$

When two negative integers are added, the result is \_\_\_\_\_

More Questions: