**Math 8**

VIDEO (or go to our website: [www.brady45.weebly.com](http://www.brady45.weebly.com)

<https://www.youtube.com/watch?v=LIe5q3UTlbo>

**Adding and Subtracting Integers**

*(positive and negative numbers)*

Integers include \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ whole numbers and zero.

For example:

Integer chips are coloured disks or circles that represent positives and negatives.

Positive 4 looks like: Negative 5 looks like:

Integer chips are VERY helpful for addition questions. Let’s try!

If there is a temperature increase of 8oC from a starting temperature of -3oC, what is the temperature now?



Adding Integers: A Zero Pair is a pair of integer chips with one chip representing +1 and one chip representing -1. For example:

Solve the following questions using integer chip drawings:

a) (+7) + (-4) b) (-8) + (+3)

c) (+4) + (+5) d) (-7) + (-7)

e) (+6) +(-9) f) (-2) +(+8)

Suppose a temperature change from +5oC to -15oC occurred over a 4 hours period. How could you determine the temperature change per hour?