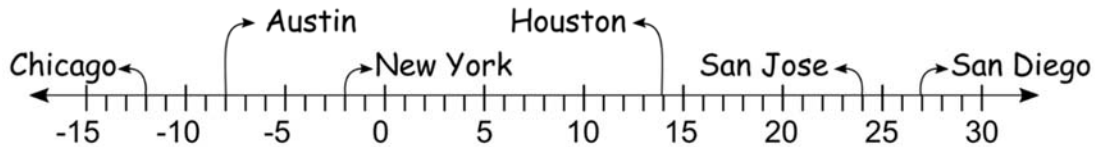


Name \_\_\_\_\_

# Representation of Integers

Following number line shows the temperature in degree celsius( $^{\circ}\text{C}$ ) at different places on a particular day.



- (i) Observe the number line and write the temperature of the places marked on it.

Chicago  $-12^{\circ}\text{C}$       San Jose  $24^{\circ}\text{C}$       Houston  $14^{\circ}\text{C}$

New York  $-2^{\circ}\text{C}$       Austin  $-8$       San Diego  $27^{\circ}\text{C}$

- (ii) What is the temperature difference between the hottest and the coldest places?  $39^{\circ}\text{C}$

- (iii) What is the temperature difference between New York and Houston?  $12^{\circ}\text{C}$

- (iv) What is the temperature difference between Austin and San Jose?  $16^{\circ}\text{C}$

- (v) Is the temperature of Houston and San Jose taken together is greater than the temperature at San Diego. Yes

- (vi) Arrange the following temperatures in increasing order.

$-12^{\circ}\text{C}, -8^{\circ}\text{C}, -2^{\circ}\text{C}, 14^{\circ}\text{C}, 24^{\circ}\text{C}, 27^{\circ}\text{C}$