

**Evaluating Change**

Briggs recorded the temperature outside everyday at noon during the first week of January. Below you will find the temperatures he recorded. Use the chart to answer these questions:

1. What was the change in temperature from Monday to Tuesday?

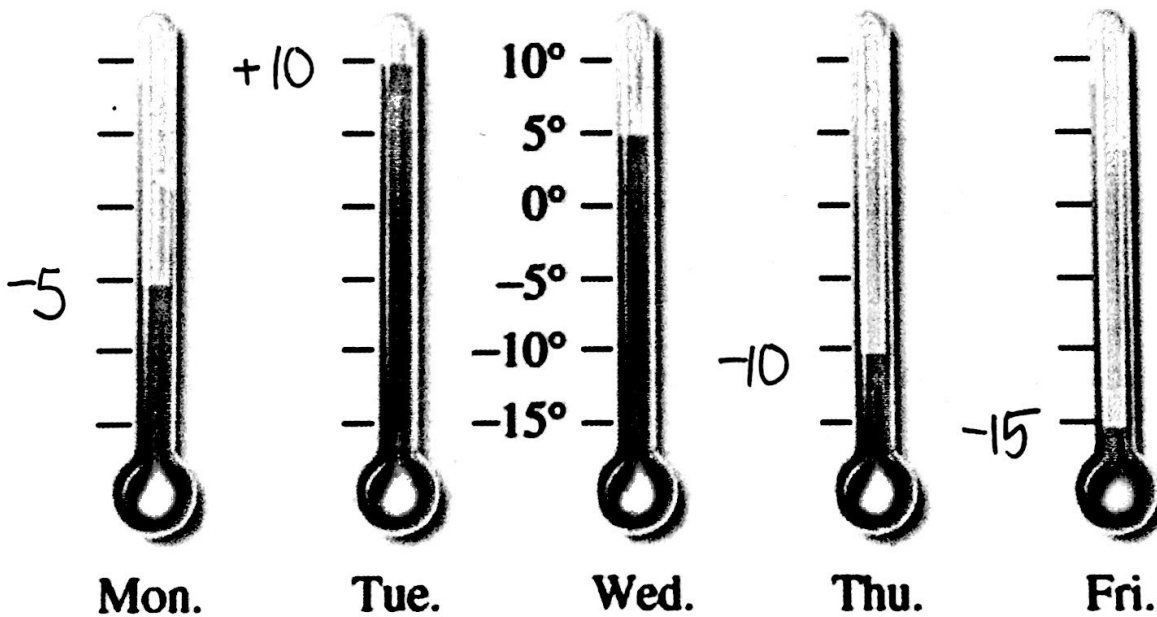
$$-5^{\circ} \Rightarrow 10^{\circ} = +15^{\circ}$$

2. What was the change in temperature from Wednesday to Friday?

$$5^{\circ} \Rightarrow -15^{\circ} = -20^{\circ}$$

3. What was the difference in temperature from Monday to Friday?

$$-5 \Rightarrow -15^{\circ} = -10^{\circ}$$

**Evaluating Change**

$$\underline{\text{Change}} = \text{New Amt} - \text{Original Amt.}$$

Examples:

Label answers!

Watch your sign!  
Did it go up or down?

1) From 32°F to -10°F

got colder

-42°F

$$C = N - O$$

$$= -10 - 32$$

$$= -42$$

2) From -45°F to -80°F

got colder

-35°F

$$C = N - O$$

$$= -80 - (-45)$$

$$= -35$$

3) From 8°C to -3°C

got colder

-11°C

$$C = N - O$$

$$= -3 - 8$$

$$= -11$$

4) From -2°C to 15°C

got warmer

17°C

$$C = N - O$$

$$= 15 - (-2)$$

$$= 17$$

5) From -15°C to 10°C

got warmer

25°C

$$C = N - O$$

$$= 10 - (-15)$$

$$= 25$$

6) From -5°F to -13°F

got colder

-8°F

$$C = N - O$$

$$= -13 - (-5)$$

$$= -8$$

7) From -120 feet to -90 feet

went up

30 ft

$$C = N - O$$

$$= -90 - (-120)$$

$$= 30$$

8) From 30 m to -70 m

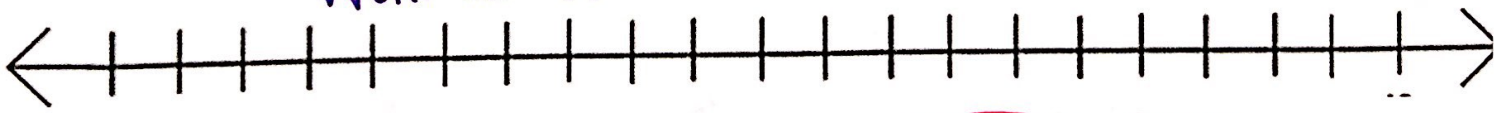
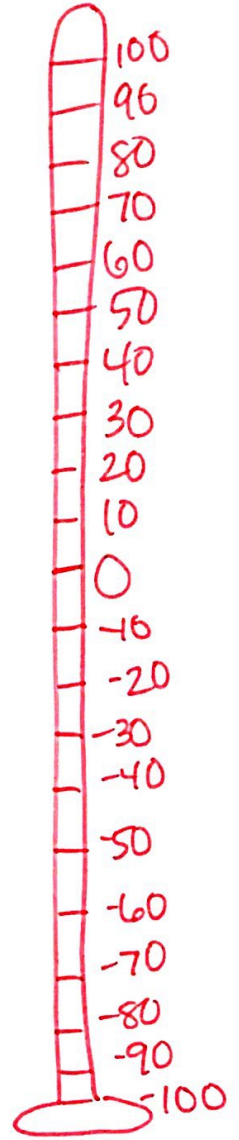
went down

-100 meters.

$$C = N - O$$

$$= -70 - 30$$

$$= -100$$



Assignment: Temperature Integers activity

Adapted: Temperature Integers activity

