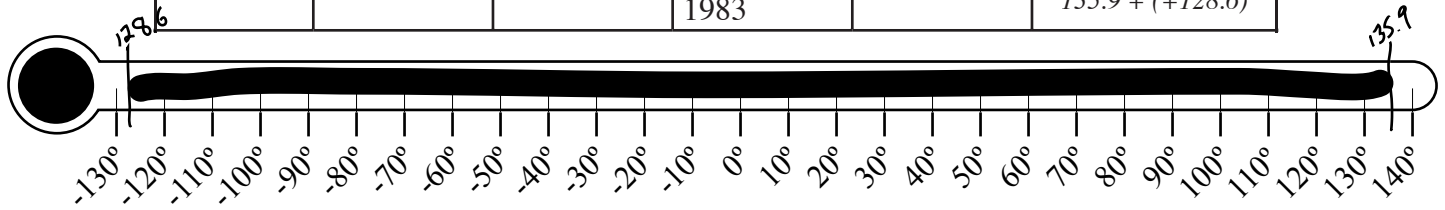


MathFLIX CHALLENGE

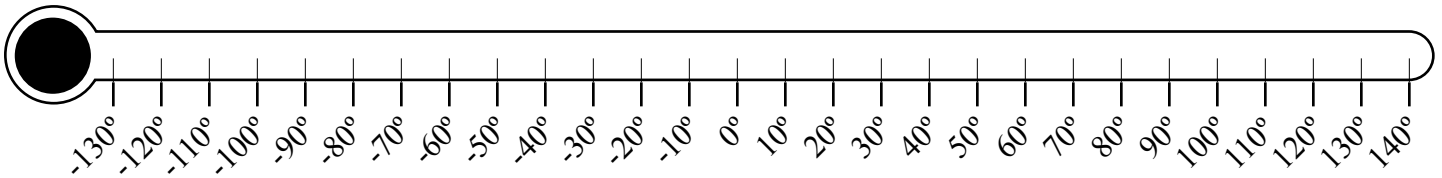
What's the Difference?

Use the thermometers below to graph the difference between the highest and the lowest temperature for each region. Then show that you can subtract integers by adding the opposite.

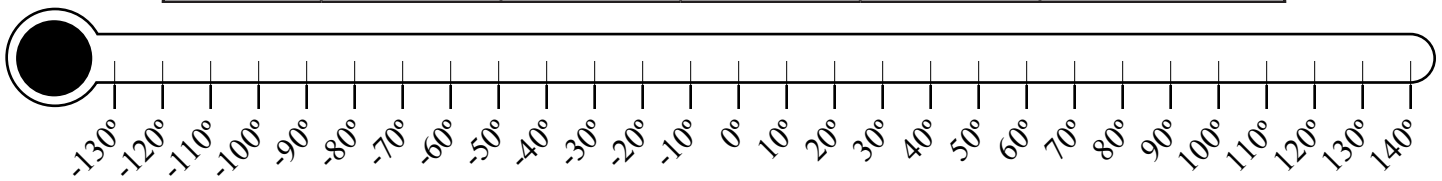
| REGION | HIGHEST TEMPERATURE | DEGREES FAHRENHEIT | LOWEST TEMPERATURE | DEGREES FAHRENHEIT | DIFFERENCE |
|--------|---------------------------|--------------------|-----------------------------|--------------------|--|
| WORLD | al' Aziziyah, Libya, 1922 | 135.9° | Vostok II, Antarctica, 1983 | -128.6° | $135.9 - (-128.6)$ or $135.9 + (+128.6)$ |



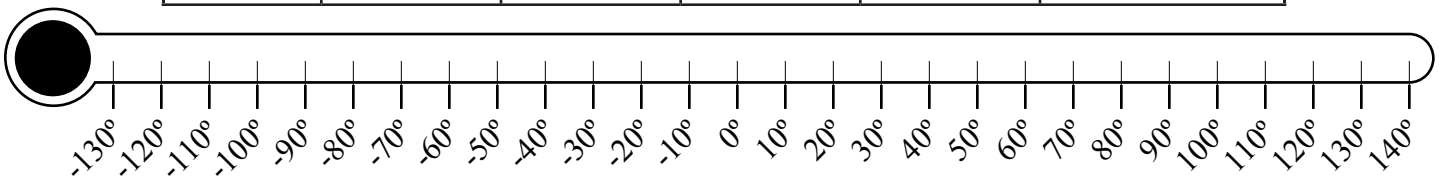
| COUNTRY | Death Valley, CA, 1913 | 134° | Prospect Creek, Alaska, 1971 | -80° | |
|---------|------------------------|-------------|------------------------------|-------------|--|
| | | | | | |



| STATE | East St. Louis, IL, 1954 | 117° | Congerville, IL, 1999 | -36° | |
|-------|--------------------------|-------------|-----------------------|-------------|--|
| | | | | | |



| CITY | Chicago, IL, 1935 | 109° | Chicago, IL, 1985 | -27° | |
|------|-------------------|-------------|-------------------|-------------|--|
| | | | | | |



- indicates below zero