

49 STEP 1: Let $x = -40$.

STEP 2: Compute $\frac{9}{5}x = \frac{9}{5} \times (-40) = -72$.

STEP 3: Compute $-72 + 32 = -40$. Let $y = -40$.

STEP 4: Output the Fahrenheit temperature of -40°F .

Thus, -40°C is equivalent to -40°F . This is the only temperature where the Celsius and Fahrenheit temperature scales are numerically equal.