

Baby, it's cold outside

Exploring Temperature Conversions Formulas

Objective: Use the function keys to explore temperature conversion formulas

NCTM Standards: Mathematics as Problem-Solving; Computation and Estimation; Algebra.

1. 212 degrees F
2.
 - a. multiplication and addition

c.

Celsius	Fahrenheit
-30	-22
-20	-4
-10	14
0	32
10	50
20	68
30	86
40	104
50	122

3. a.

Celsius	Fahrenheit
25	77
28	82.4
30	86
29	84.2
27	80.6
26	78.8
25	77

- b. 81 degrees F
- c. Answers may vary

Thinking Cap

Answer: $C = \frac{5}{9}(F-32)$