



**ALL YOU EVER WANTED TO KNOW
ABOUT CONVERSIONS -
but were afraid to ask!**

To Convert Temperatures:

Celsius (C°) to Fahrenheit (F°)
 $(C° \times 1.8) + 32 = F°$

Fahrenheit (F°) to Celsius (C°)
 $(F° - 32) / 1.8 = C°$

To Convert Distances:

Feet (ft) to Meters (m)
 $ft \times .3048 = m$

Meters (m) to Feet (ft)
 $m / .3048 = ft$

Miles (mi) to Kilometers (km)
 $mi \times 1.6 = km$

Kilometers (km) to Miles (mi)
 $km / 1.6 = mi$

Want to know how fast the racers are skiing in Miles Per Hour?

$\frac{\text{Course Length (in meters)} \times 2.236936}{\text{Racers Time}} = \text{mi per hour}$

Want to know how fast the racers are skiing in Kilometers per hour?

$\frac{\text{Course Length (in meters)} \times 3.6}{\text{Racers Time}} = \text{km per hour}$

How far the racer traveled in 1 second?

$\frac{\text{Course Length (in meters)}}{\text{Racers Time}} = \text{feet per second}$

How many race points per second?

Calculate race points for winning time PLUS 1 second

TEMPERATURE		
F°	-	C°
50	-	10.5
45	-	7.2
40	-	4.4
35	-	1.7
32	-	0.0
30	-	-1.1
25	-	-3.9
20	-	-6.7
15	-	-9.4
10	-	-12.2
5	-	-15.0
0	-	-17.8
-5	-	-20.5
-10	-	-23.3
-15	-	-26.1
-20	-	-28.9
-25	-	-31.7
-30	-	-34.4
-35	-	-37.2
-40	-	-40.0