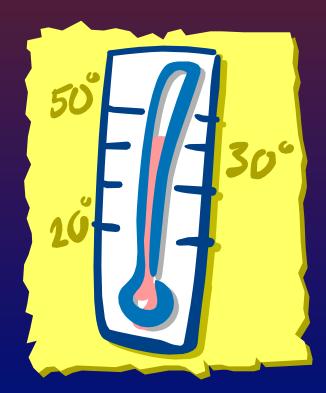


Basic Temperature Conversions





Temperature Scales

* Fahrenheit

*Celsius







Temperature Conversion Equations

★ 4 equations to use:
°F = 9/5°C + 32
°C = 5/9 (°F-32)
K = °C + 273
°C = K - 273





Helpful Hints

Identify the equation needed.
Plug in the numbers to solve
Remember the math rules:

Solve what is in parenthesis first
Solve Multiplication & Division before addition and subtraction

Show all work

Put box around final answer





 $K = {}^{\circ}C + 273$ K = 240 + 273K = 513

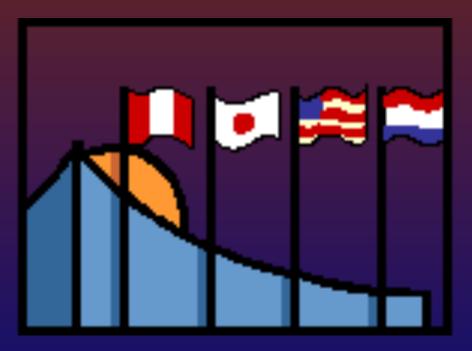
 $*240^{\circ}C = K$





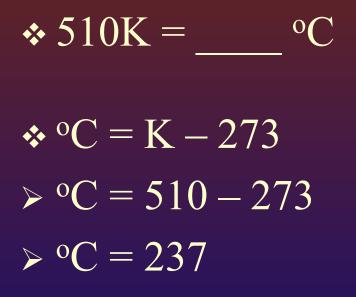
 $* 50^{\circ} F = _ ^{\circ} C$

* $^{\circ}C = 5/9 (^{\circ}F-32)$ * $^{\circ}C = 5/9 (50-32)$ * $^{\circ}C = 0.55 (18)$ * $^{\circ}C = 10$













- $\bullet ^{\mathrm{o}}\mathrm{F} = 68$
- ${}^{\circ}F = 36 + 32$
- $\bullet ^{\circ}F = 1.8(20) + 32$
- $\bullet^{o}F = 9/5^{o}(20) + 32$
- $*^{\circ}F = 9/5^{\circ}C + 32$
- $20 \circ C =$ ____ $\circ F$





The End



