## Converting Temperatures | Fahrenheit to Celsius

A) Convert the temperatures from Fahrenheit to Celsius.

Example: Convert $15^{\circ} \mathrm{F}$ to ${ }^{\circ} \mathrm{C}$.

$$
\begin{aligned}
C & =\frac{5}{9}(F-32) \\
& =\frac{5}{9}(15-32)=\frac{5}{9}(20)=-9.4^{\circ} \mathrm{C}
\end{aligned}
$$

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B) Compare the temperatures using $>$, <, or $=$ as appropriate.

1) $68^{\circ} \mathrm{F}$ $\square$ $20^{\circ} \mathrm{C}$
2) $26^{\circ} \mathrm{F}$ $\square$ $30^{\circ} \mathrm{C}$
3) $104^{\circ} \mathrm{F}$ $\square$ $97^{\circ} \mathrm{C}$
4) $98^{\circ} \mathrm{F}$ $\square$ $25.7^{\circ} \mathrm{C}$
