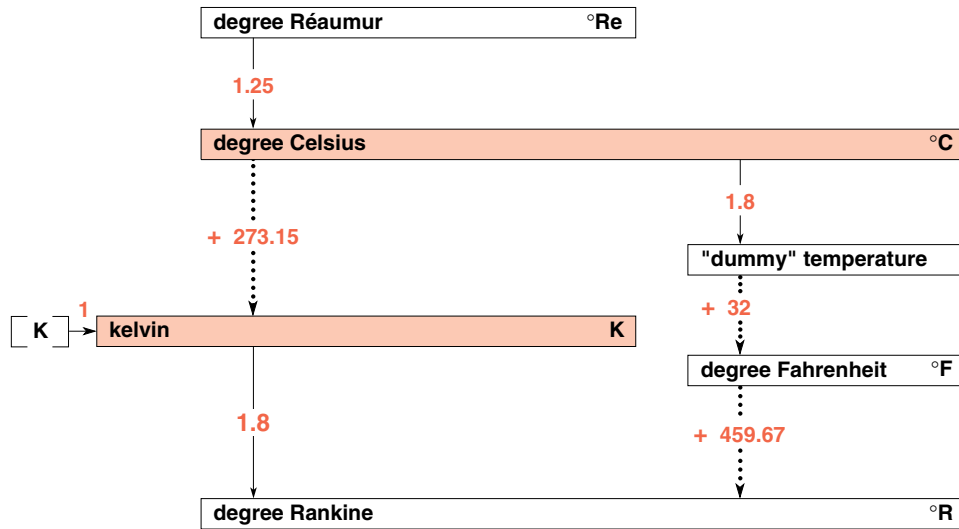


VISUALIZING SI UNITS

TEMPERATURE (T, t)



Note: Celsius was formerly called centigrade

The «dummy» temperature is simply a convenient interface between °F and °C

In dotted lines: with the arrow ADD; against the arrow SUBTRACT

Examples of temperature conversion:

$$80 \text{ degrees Réaumur} = 80 (\times 1.25) \text{ } ^\circ\text{C} = 100 \text{ } ^\circ\text{C}$$

$$100 \text{ degrees Celsius} = (100 + 273.15) \text{ K} = 373.15 \text{ K}$$

$$100 \text{ degrees Celsius} = 100 (\times 1.8) + 32 \text{ } ^\circ\text{F} = 212 \text{ } ^\circ\text{F}$$

$$108 \text{ degrees Fahrenheit} = (108 + 459.67) \div 1.8 \text{ K} = 567.67 (\div 1.8) \text{ K} = 315.372 \text{ K}$$