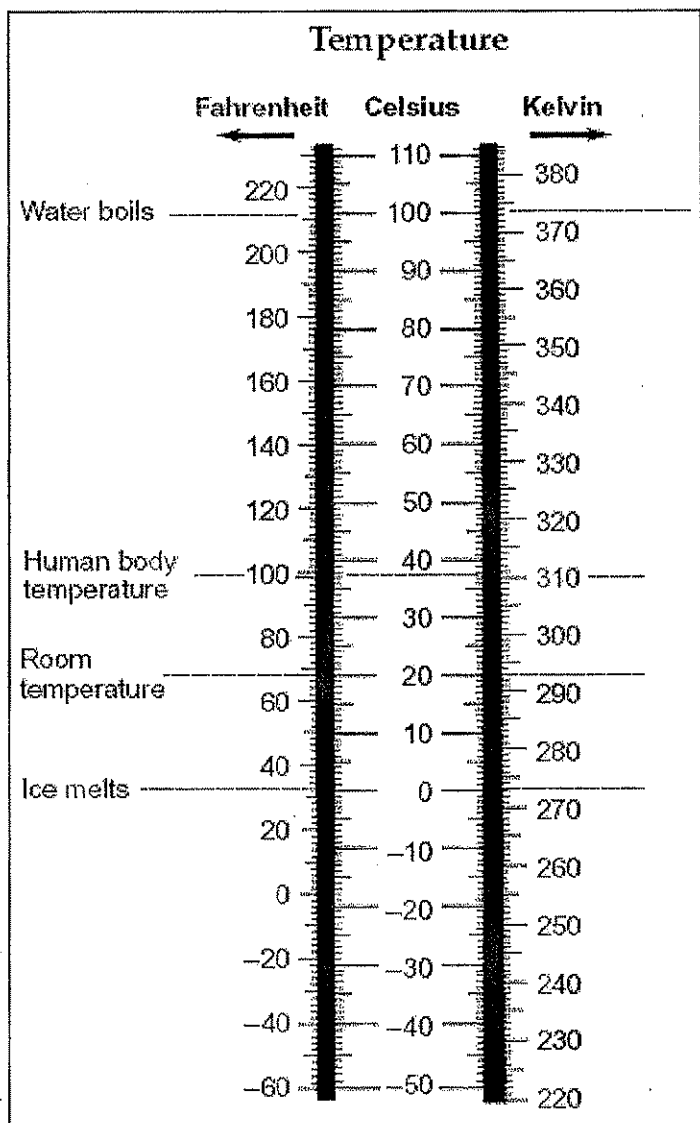


NAME: _____ DATE: _____

CLASS: _____ TEACHER: _____

TEMPERATURE CONVERSION Earth Science Worksheet

Directions: Answer all questions based on the Temperature Scale below. This is a Printable Worksheet.

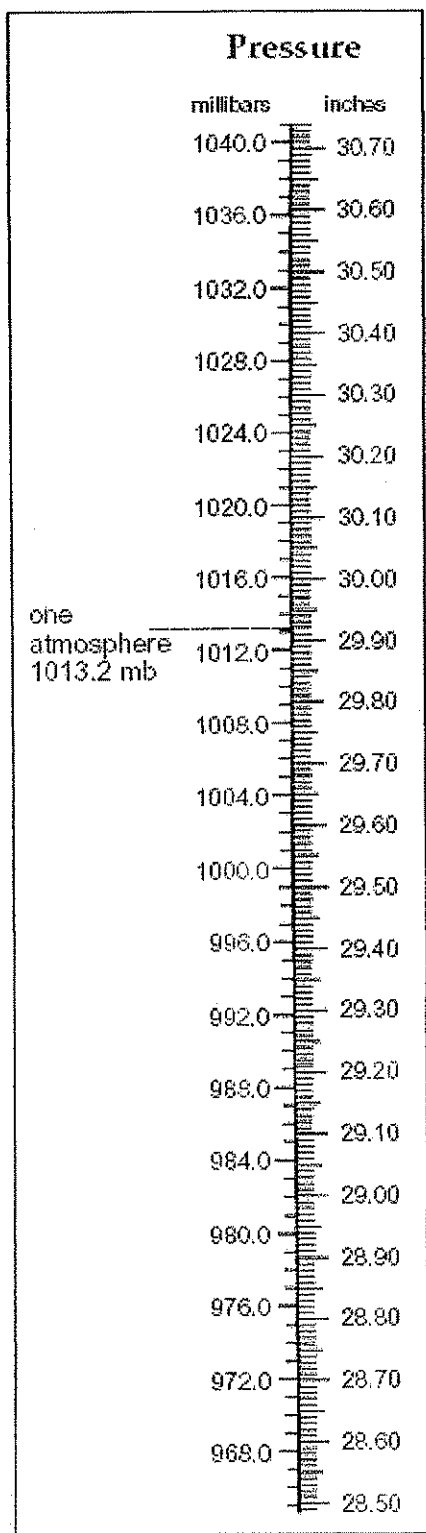


1. On the Celsius Scale, between labeled temperatures, each smaller increment stands for how many degrees? _____
2. On the Fahrenheit Scale, between labeled temperatures, each smaller increment stands for how many degrees? _____
3. On the Kelvin Scale, between labeled temperatures, each smaller increment stands for how many degrees? _____
4. State the temperature, with units, at which water boils on the:
Celsius Scale _____
Fahrenheit Scale _____
Kelvin Scale _____
5. Water freezes at 0°C. State this temperature, with units, on the:
Fahrenheit Scale _____
Kelvin Scale _____

Convert the following temperatures:

6. $140^{\circ}\text{F} =$ _____ $^{\circ}\text{C}$ _____ K
7. $250 \text{ K} =$ _____ $^{\circ}\text{C}$ _____ $^{\circ}\text{F}$
8. $68^{\circ}\text{F} =$ _____ $^{\circ}\text{C}$ _____ K
9. $90^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$ _____ K
10. $-10^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$ _____ K
11. $330 \text{ K} =$ _____ $^{\circ}\text{C}$ _____ $^{\circ}\text{F}$
12. $110^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$ _____ K
13. $-4^{\circ}\text{F} =$ _____ $^{\circ}\text{C}$ _____ K
14. $128^{\circ}\text{F} =$ _____ $^{\circ}\text{C}$ _____ K
15. $55^{\circ}\text{C} =$ _____ $^{\circ}\text{F}$ _____ K

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Temperature Scale: © The University Of the State of New York; Board of Regents
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NAME: _____ DATE: _____

CLASS: _____ TEACHER: _____

**CONVERTING AIR PRESSURE VALUES
Earth Science Worksheet**

Directions: Answer all questions based on the Pressure Scale to the left. This is a Printable Worksheet.

1. On the millibars scale, between labeled values, each smaller increment stands for how many millibars? _____
2. On the inches scale, between labeled values, each smaller increment stands for what portion of an inch? _____
3. State the millibar equivalent for one atmosphere. _____

Convert the following pressure values from millibars to inches of mercury:

4. **980.0 mb** = _____ inches
5. **998.0 mb** = _____ inches
6. **1021.5 mb** = _____ inches
7. **1024.0 mb** = _____ inches
8. **1038.0 mb** = _____ inches
9. **1006.5 mb** = _____ inches
10. **1013.2 mb** = _____ inches

Convert the following pressure values from inches of mercury to millibars:

11. **29.50 inches** = _____ mb
12. **30.50 inches** = _____ mb
13. **29.35 inches** = _____ mb
14. **30.33 inches** = _____ mb
15. **29.21 inches** = _____ mb
16. **30.60 inches** = _____ mb

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