

[tbh]

| | Celsius | Kelvin | Fahrenheit |
|------------|----------------------------|----------------------------|-----------------------|
| Celsius | $a = 1, b = 0$ | $a = 1, b = 273$ | $a = 9/5, b = 32$ |
| Kelvin | $a = 1, b = -273$ | $a = 1, b = 0$ | $a = 9/5, b = -459.4$ |
| Fahrenheit | $a = 5/9, b = -17.\bar{7}$ | $a = 5/9, b = 255.\bar{2}$ | $a = 1, b = 0$ |