

Happy Kwanzaa

Converting between Celsius & Fahrenheit

Name: _____ Date: _____

Directions: Convert the following temperatures between celsius and fahrenheit. Estimate your answers.

1.



Convert the temperature from 31° Celsius to Fahrenheit. Use $F = \left(\frac{9}{5} \times C\right) + 32$

- 98° 88° 76° 56°

What is 97° F equal to in Celsius?

Use $C = \frac{5}{9} \times (F - 32)$.

- 79° 30° 117° -45°

2.



Convert 46° F to Celsius

Use $C = \frac{5}{9} \times (F - 32)$.

- 78° -14° 100° 28°

3.



Convert 14° C to Fahrenheit

$$\text{Use } F = \left(\frac{9}{5} \times C\right) + 32$$

- 57° -26° 88° 66°

4.



5.

What is -47° C in Fahrenheit?

$$\text{Use } F = \left(\frac{9}{5} \times C\right) + 32$$

- 89° -13° -53° 21°

What is -10° F in Celsius?

$$\text{Use } C = \frac{5}{9} \times (F - 32)$$

- 47° 17° -19° -28°

6.



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Answer Key

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