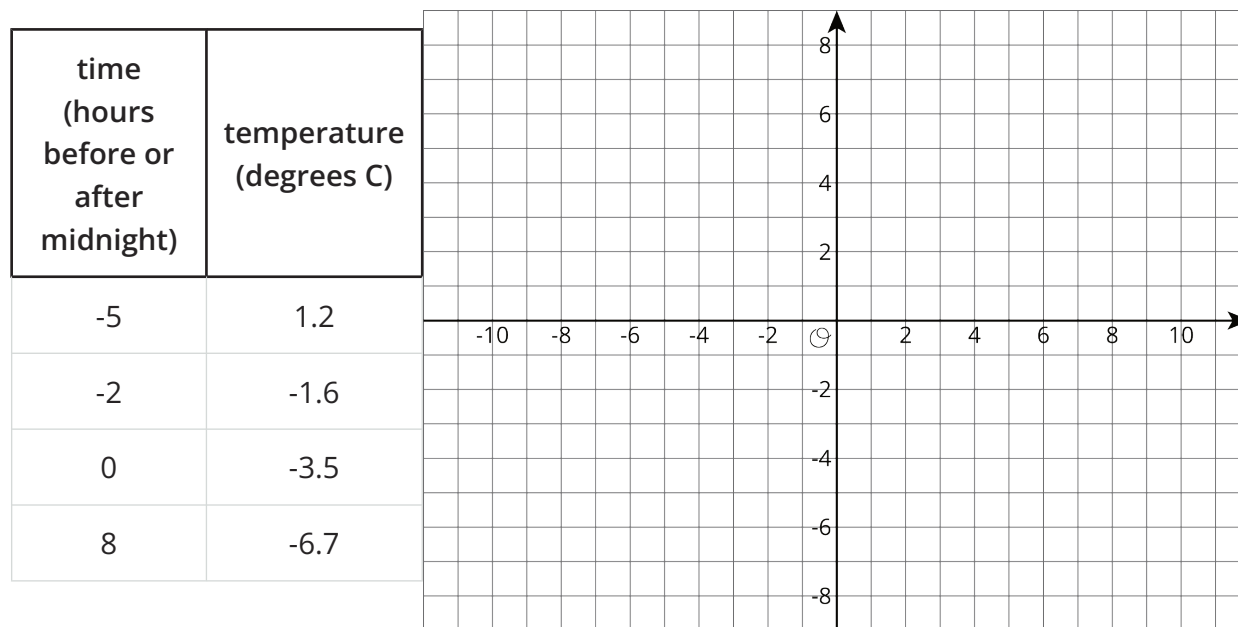# Lesson 13: Interpreting Points on a Coordinate Plane

Cool Down: Time and Temperature

The temperature in Princeton was recorded at various times during the day. The times and temperatures are shown in the table.

time (hours before or after midnight)	temperature (degrees C)
-5	1.2
-2	-1.6
0	-3.5
8	-6.7

1. Plot points that represent the data. Be sure to label the axes.

2. In the town of New Haven, the temperature at midnight was $1.2°C$. Plot and label this point. Which town was warmer at midnight, Princeton or New Haven? How many degrees warmer was it?

3. If the point $(3, -2.5)$ were also plotted on the diagram, what would it mean?

Grade 6 Unit 7
Lesson 13

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