

Name: _____

Date: _____

1.	<p>The low temperature on Sunday was -9°F. The high temperature on Sunday was 14 degrees warmer than the low temperature.</p> <p>What was the high temperature on Sunday?</p> <p>Answer _____ $^{\circ}\text{F}$</p> <p>The low temperature on Monday was 6 degrees warmer than Sunday's low of -9°F. The low temperature on Tuesday was 3 degrees warmer than Monday's low. What was the low temperature on Tuesday?</p> <p>Show your work.</p>
2.	<p>What is the value of the expression?</p> $2 + 3^2 + -4 $
3.	<p>At noon on Monday in Minneapolis, the temperature, in degrees Fahrenheit (F), was -4°F. At noon on Tuesday, the temperature was 6 degrees higher. What was the temperature at noon on Tuesday?</p>
4.	<p>Gary and Thomas are playing a game with number cards. At the end of the game, Thomas still has 5 cards. If the value of each card is -50 points, how many points does Thomas have?</p>

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5. Simplify the expression below.

$$|7 - 3^2| + 4$$

6. The table below shows the low temperatures, in degrees Fahrenheit ($^{\circ}\text{F}$), in Millie's hometown for 5 days in February.

**FEBRUARY LOW
TEMPERATURES**

Day	Temperature
Monday	5°F
Tuesday	8°F
Wednesday	12°F
Thursday	7°F
Friday	2°F

What is the range, in degrees Fahrenheit, of the data in the table?

7. The temperature, in degrees Fahrenheit ($^{\circ}\text{F}$), decreased at a constant rate from 0°F to -35°F in 5 hours. By how many degrees did the temperature decrease **per hour**?

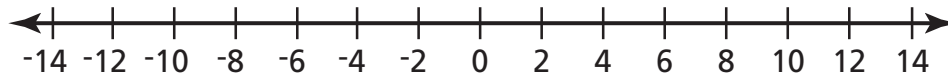
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8. The temperature in St. Cloud, Minnesota, was -4°F (Fahrenheit) on January 27 and 13°F on January 28.

Part A

On the number line below, plot the temperatures for January 27 and January 28. Be sure to label both points with the appropriate date.



Part B

How many degrees warmer was it on January 28 than on January 27?

Show your work.

9. Adding & Subtracting Integers

Find each sum.

1) $(-12) + 7$

2) $(-10) + (-7)$

3) $(-6) + 12$

4) $8 + 7$

5) $3 + 4$

6) $(-45) + 9$

7) $(-1) + (-46)$

8) $(-30) + 10$

9) $(-34) + 50$

10) $38 + (-5)$

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10. **Find each sum.**

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10) $38 + (-5)$

11. **Multiplying Integers****Find each product.**

1) 6×-4

2) 4×2

3) 3×-4

4) -6×4

Dividing Integers**Find each quotient.**

1) $35 \div -5$

2) $-8 \div 4$

3) $-24 \div 4$

4) $-8 \div -2$