

# Practice 1-2

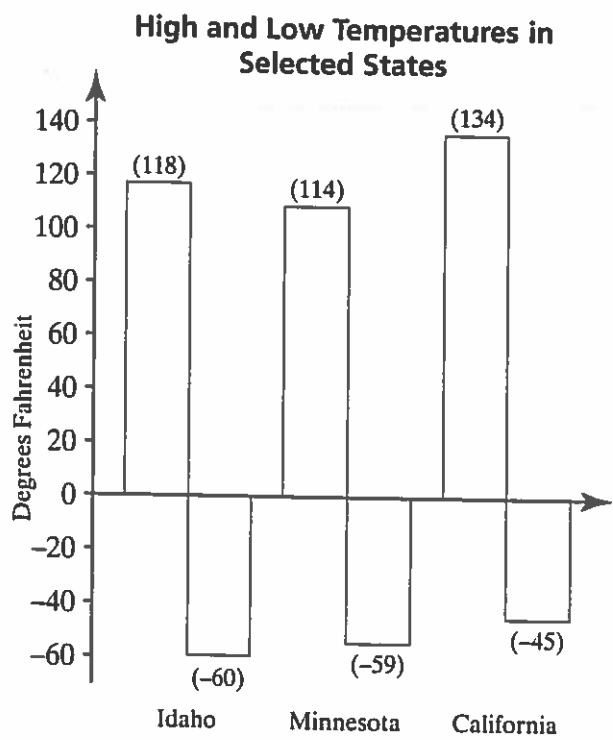
## Integers and Absolute Value

Write an integer to represent each situation.

- |  |   |
|--|---|
| <p>1. The top of the world's lowest known active volcano is 160 ft below sea level.</p> <p>_____</p> | <p>2. The football team gained three yards on a play.</p> <p>_____</p>        |
| <p>3. Jenni owes her friend \$20.</p> <p>_____</p>   | <p>4. The temperature yesterday was five degrees above zero.</p> <p>_____</p> |

Use the information in the graph at the right for Exercises 5–8.

5. The highest outdoor temperature ever recorded in Nevada, 122°F, was recorded on June 23, 1954. Was it ever that hot in Idaho? Explain.
- \_\_\_\_\_
- \_\_\_\_\_
6. The lowest temperature ever recorded in Maine, -48°F, was recorded on January 17, 1925. Was it ever that cold in Minnesota? Explain.
- \_\_\_\_\_
- \_\_\_\_\_
7. Which state on the graph had a recorded low temperature of 60°F below zero?
- \_\_\_\_\_



Compare. Write  $>$ ,  $<$ , or  $=$ .

- |   |  |   |
|---|--|---|
| 8. $-12$ <input type="checkbox"/> $10$  | 9. $ 26 $ <input type="checkbox"/> $ -26 $ | 10. $ 42 $ <input type="checkbox"/> $ -93 $ |
| 11. $53$ <input type="checkbox"/> $-21$ | 12. $ 6 $ <input type="checkbox"/> $0$     | 13. $ 9 $ <input type="checkbox"/> $ -13 $  |

Order the integers in each set from least to greatest.

14.  $0, -5, 5, -15, 15, 25, -25$
- \_\_\_\_\_
15.  $27, -10, -6, -18, 3, 9, -8$
- \_\_\_\_\_

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# Puzzle 1-2

## Integers and Absolute Value

Order each set of integers from least to greatest to learn some interesting state facts.

1. This state raises more turkeys than any other state in the country.

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-8	5	-9	$ -14 $	-3	-11	$ -17 $	15	1	9
L	O	A	N	I	C	A	I	F	R

2. This state contains 75% of the land area in the United States with an altitude greater than 10,000 feet.

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$ -18 $	-23	-9	-2	$ -2 $	-20	9	-6
O	C	L	R	A	O	D	O

3. The name of this state means *tribal town* in the Creek Indian language.

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2	$ -25 $	-25	-3	-17	3	$ -17 $
B	A	A	A	L	A	M

4. The world's first nuclear powered submarine, the USS *Nautilus*, was built in this state in 1954.

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-11	$ 9 $	12	-30	$ -30 $	25	-33	-7	18	4	-5
N	T	I	O	T	U	C	N	C	C	E

5. This state has an operating oil well on its state capitol grounds called Capitol Site No. 1.

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$ -21 $	$ -4 $	-22	-4	15	9	30	-18
M	A	O	L	O	H	A	K

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