A

IN THE DRIVER'S SEAT

Write a positive or negative integer for each description.

1) seven inches taller _____

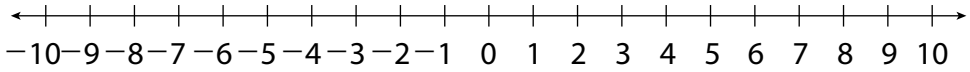
2) two degrees below zero _____

3) withdraw ten dollars _____

4) three pounds gained _____

5) deposit six dollars _____

6) Plot the numbers from Exercises 1–5 on the number line below.



Write a positive or negative integer for each description.

7) owe 65 dollars _____

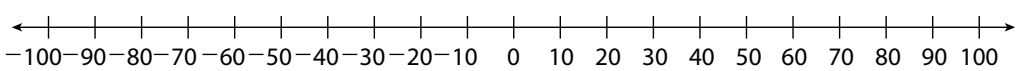
8) eighty degrees _____

9) fifty inches long _____

10) twenty points behind _____

11) lose 35 pounds _____

12) Plot the integers from Exercises 7–11 on the number line below.



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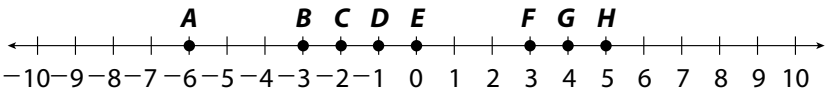
A

Use the number line below to identify the letter of the integer described in each problem.



13) 3 less than 0 _____

14) 5 more than −7 _____

15) 4 less than 8 _____

16) 10 more than −10 _____

17) The table below shows the lowest recorded temperatures of several cities.

LOWEST RECORDED TEMPERATURES

City	Lowest Recorded Temperature (°F)
Tulelake	−28
Alturas	−34
Yreka	−11
Crescent City	19

Which city has the lowest recorded temperature in the chart above?

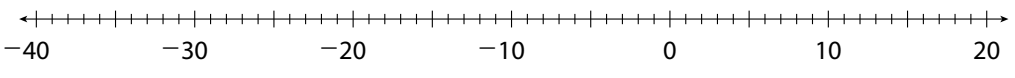
Write It! _____

Which city has the highest recorded temperature in the chart above?

Write It! _____

Plot the lowest recorded temperatures of all 4 cities on the number line below.

Graph It!



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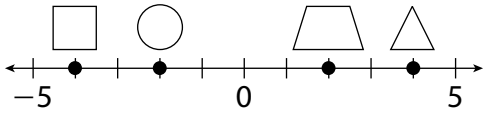
A TEST DRIVE

1 **Which symbol is located at −2 on the number line below?**



A □

B ○

C ⏢

D △

JUMPSTART *Remember, negative numbers always lie to the left of zero.*

2 **Which set of numbers is in order from *least* to *greatest*?**

F −15, −10, −8, −5, 0

G −5, −8, −10, −15, 0

H 0, −5, −8, −10, −15

J 0, −15, −10, −8, −5

JUMPSTART *You can draw a number line to help you solve this problem.*

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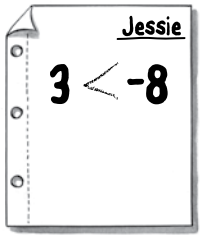
A

SIDE TRIPS

1) Jessie compared the following integers incorrectly.



Explain why 3 is actually greater than −8. You can use money or temperature as examples, or you may wish to draw a number line.

Explain It!

_____

_____

_____

2) Circle the integers in the picture below. Put an *X* through the numbers that are not integers. If you are correct, the circles will win the game of tic-tac-toe!

Draw It!

INTEGER TIC-TAC-TOE

17	$\frac{1}{2}$	3
$\frac{4}{3}$	7.6	−24
2.5	−5	0

Play tic-tac-toe with a partner, but instead of using *O's* and *X's*, have one player use integers and the other player use fractions.

Draw It!

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