What Did One Ocean Say to the Other Ocean?
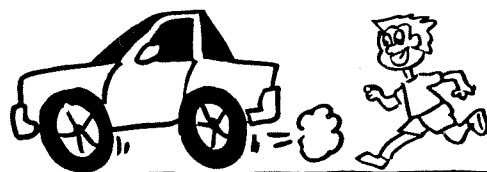
Find the rational number (positive or negative) that represents the situation.

(G) A diver looks at fish 35 feet below sea level.

(T) The temperature went up 3.5 degrees from yesterday.

(A) Michael Vaughn beat the previous world record by 1.2 seconds.

(T) A football team completes a $47\frac{1}{2}$ yard pass.

(N) Jim likes to play it safe by going 4 mph under the speed limit.

(S) Running a half-mile burns 74 calories.

(D) Sarah owes $300 on her credit card.

(H) A new gift card had a balance of $20 remaining.

(N) The winner of Biggest Weight Loser lost a total of $47\frac{1}{2}$ pounds.

(I) A running back carried the football for a 7 yard gain.

(I) A company makes a profit of 74 dollars on every laptop they sell.

(T) A parasailer soars at 300 feet above the ocean.

(O) After eating too much at Thanksgiving, Tim gained 1.2 pounds.

(U) The stock market fell 3.5 percent.

(J) Today is 7 degrees colder than yesterday.

(V) Sofia lost $20 when her purse was stolen.

(W) The Martinez family parked on level 4 of the parking structure.

(E) The marathon runner missed beating the world record by 35 seconds.

$-47\frac{1}{2}$	1.2	300	20	7	-4	-35	-7.4	74	3.5	7.4	-7	-3.5	-74	$47\frac{1}{2}$	0	4	-1.2	-20	35	-300

Why Shouldn't You Run Behind Cars?

Read each inequality, then use the following statements to determine if the number is to the left or right of the *other number*.

	On a number line...	Left	Right
1	$-7 > -10$	-7 is on the...	A	S
2	$-3 < 9$	9 is on the...	B	I
3	$7 > 5$	5 is on the...	O	L
4	$12 > 8.2$	8.2 is on the...	X	A
5	$-4\frac{1}{4} < -3\frac{1}{2}$	$-3\frac{1}{2}$ is on the...	J	E
6	$-2.03 < 9$	-2.03 is on the...	L	O
7	$\frac{5}{8} > \frac{1}{2}$	$\frac{1}{2}$ is on the...	E	S
8	$15 < 21$	15 is on the...	T	A
9	$-8 > -18$	-8 is on the...	M	U
10	$-6.8 > -6.9$	-6.8 is on the...	R	E
11	$-50 < 3$	3 is on the...	N	A
12	$7\frac{2}{3} < 9$	9 is on the...	O	Y
13	$-3\frac{1}{2} < -2$	$-3\frac{1}{2}$ is on the...	E	A
14	$5 > -10.5$	-10.5 is on the...	F	D
15	$-3.21 > -8.09$	-3.21 is on the...	S	D
16	$-\frac{7}{2} < -\frac{5}{2}$	$-\frac{5}{2}$ is on the...	C	H
17	$-22 > -35$	-22 is on the...	A	W
18	$8 < 18$	18 is on the...	A	U
19	$-12.4 > -13$	-13 is on the...	L	E
20	$-6 > -9\frac{1}{3}$	$-9\frac{1}{3}$ is on the...	L	O

12	3	9	17	2	20	6	14	10	7	19	13	4	16	11	18	1	8	5	15

6.NS.7(a) - Interpret Inequalities on a Number Line