## The last season was

## **Integers Homework Practice**

Write an integer for each situation.

- 1. a \$5 discount
- **2.** a growth of 2 centimeters
- **3.** rise of 1,000 feet
- **4.** loss of 6 pounds

Write an integer for each situation. Explain the meaning of zero in each situation.

5. earn 10 points

**6.** a temperature drop of 7 degrees

**7. BUSINESS** Ms. Solorio's small business had a profit of \$460 on Monday. Write an integer to represent this profit. Then explain the meaning of 0 in this situation.

**8. CAVING** The end of a cave is 380 meters below the surface of the earth. Write an integer to represent this depth. Then explain the meaning of 0 in this situation.

Graph each set of integers on a number line.

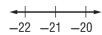




## SCUBA For Exercises 1-3, use the table below. The table shows the depths of scuba diving attractions on a certain dive tour.

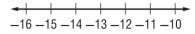
Attractions	Depth (ft)
Coral reef	-22
Modern shipwreck	-98
Old shipwreck	-108
Cave	-16

1. Graph the integer representing the depth of the coral reef on a number line.



2. Hiromi took pictures of both shipwrecks. Graph the integers that represent the depths of the shipwrecks on a number line.

3 Sandra swam in the cave and around the coral reef. Graph the integer that represents the depth of the cave on a number line.



**4. SCIENCE** The liquid in Beaker A has a temperature of -4°C. The liquid in Beaker B has a temperature of 2°C. Graph the integers that represent the temperatures on a number line.

- **5. STEPS** Catesby ran up 16 flights of stairs. Write an integer to represent this situation.
- **6. CELL PHONE** Nazir used more minutes on his cell phone than his plan allows. He now owes his parents \$15. Write an integer to represent this debt.
- **CAVE** The entrance of a cave is at an elevation of 14 meters. The lowest part of the cave is at an elevation of -86 meters. Write an integer to represent the elevation of the entrance to the cave.
- **8. MONEY** Larry lost 45 cents when it fell out of his jacket pocket while he was playing. Write an integer to represent this loss.