

1-4**Word Problem Practice*****Adding Integers***

<p>1. FOOTBALL A football team loses 5 yards on one play and then loses 8 yards on the next play. Write an addition expression that represents the change in position of the team for the two plays. Then find the sum.</p>	<p>2. ELEVATOR You park in a garage 3 floors below ground level. Then you get in the elevator and go up 12 floors. Write an addition expression to represent this situation. Then find the sum.</p>
<p>3. GOLF In 2005, Tiger Woods won the Masters Tournament. His scores were +2, -6, -7, and -1 for four rounds. Write an addition expression that represents his final score. Then find the sum.</p>	<p>4. INVENTORY A local bookstore has 30 copies of a bestseller when it opens Monday morning. On Monday, it sells 6 copies of the book. On Tuesday, it sells 3 copies. On Wednesday, it receives a shipment containing 24 copies of the book and also sells 8 copies. Write an addition expression that represents the number of copies of the book that store has at the end of the day on Wednesday. Then find the sum.</p>
<p>5. OCEANOGRAPHY A research team aboard an underwater research vessel descends 1,500 feet beneath the surface of the water. They then rise 525 feet and descend again 350 feet. Write an addition expression to represent this situation. Then find the sum.</p>	<p>6. SPORTS Peter weighs 156 pounds, but he would like to wrestle in a lower weight class. He loses 4 pounds one week, gains back 2 pounds the next week, loses 5 pounds the third week, and loses 3 pounds the fourth week. Write an addition expression to represent this situation. Then find the sum.</p>

1-5

Word Problem Practice

Subtracting Integers

GEOGRAPHY For Exercises 1 and 2, use the table. The table shows the elevations of several places on Earth.

Place	Elevation (feet)
Mt. McKinley	+20,320
Puerto Rican Trench	-28,232
Mt. Everest	+29,035
Dead Sea	-1,348
Death Valley	-282

<p>1. Find the difference in elevation between the top of Mt. McKinley and the top of Mt. Everest.</p>	<p>2. Find the difference in elevation between Death Valley and the Dead Sea.</p>
<p>3. TEMPERATURE The highest recorded temperature on Earth was recorded in Africa at 136°F, while the lowest was -129°F in Antarctica. What is the range of temperatures recorded on Earth?</p>	<p>4. WEATHER If the overnight temperature at the Arctic Circle was -14°F, but the temperature rose to 8°F during the day, what was the difference between these high and low temperatures?</p>
<p>5. WATER The boiling point of water is 212°F, while -460°F is its absolute lowest temperature. Find the difference between these two temperatures.</p>	<p>6. STOCK MARKET During the course of one day, the price of a stock fluctuated between a high of \$3 above the previous day's closing price and a low of \$2 below the previous day's closing price. What was the difference between the high and low prices for that day?</p>

Lesson 1-5