

LESSON
1-2

Problem Solving
Adding and Subtracting Real Numbers

Write the correct answer.

1. The Pacific Ocean has an average depth of 12,925 feet, while the Atlantic Ocean has an average depth of 11,730 feet. Find the difference in average depths.

2. A kite flies 74 feet above the ground. The person flying the kite is 5 feet 6 inches tall. How far above the person is the kite?

3. Stock in ABC Company fell 12.67 points on Monday and 31.51 points on Tuesday. Determine the total change in the stock for the two days.

4. Muriel scored 30 points lower on her first practice SAT test than she did on her PSAT. She scored 20 points better on her second practice SAT test than she did on her first practice SAT test. How does her second practice SAT test score compare with her PSAT test score?

Use the table below to answer questions 5 – 7, which shows some of the world’s most extreme elevations. A negative number means the location is *below* sea level. Select the best answer.

5. Find the difference in elevation between the Puerto Rico Trench and the Java Trench.

A 4856 ft	C 51,608 ft
B 7608 ft	D 59,216 ft
6. Find the difference in elevation between the highest and lowest locations.

F 64,868 ft	H 6812 ft
G 52,404 ft	J 5652 ft
7. Denver is called the “Mile High City” because it is approximately 5280 feet above sea level. How much higher in elevation is Denver than the Mariana Trench?

A 30,560 ft	C 35,840 ft
B 34,308 ft	D 41,120 ft

Location	Elevation (ft)
Mount Everest	29,028
Aconcagua	22,834
Mount McKinley	20,320
Mariana Trench	-35,840
Puerto Rico Trench	-28,232
Java Trench	-23,376