

Problem Solving: More Than One Way

TAKS Objectives 1, 2, 6
TEKS 5.3A, 5.5A, 5.6,
5.14B, 5.14C

Solve. Tell the way you chose to solve each problem.

1. By the end of Friday, there were 175 people signed up for a charity run. When the run started on Saturday morning, there were 268 people signed up for the run. How many people signed up on Saturday?

3. A research submarine was traveling at a depth of 526 feet. The submarine then dove down 393 feet to observe diving whales and then went up 605 feet to take photos of sea turtles. What is the resulting depth of the submarine?

5. Mr. Milligan is looking at 2 prices for a new car. He decides to find the amount that is halfway between the 2 prices. The difference between the 2 prices is \$4,600. If the halfway amount is \$18,700, what are the 2 prices?

2. The Mississippi River, the longest river in the United States, is 20,570,880 feet long. The Roe River, the shortest river in the United States, is 201 feet long. What is the difference between the lengths of these two rivers?

4. Some cruise ships can carry up to 5,700 people. Suppose a cruise ship picks up 1,356 people at one port and 2,034 people at a second port. How many more people can the ship hold?

6. The distance from Earth to the moon varies throughout the year. The greatest distance is about 252,590 miles and the shortest distance is about 221,330 miles. Find the distance that is halfway between those distances.
