

Hands On: Decimal Facts

TAKS Objective 1
TEKS 5.1B, 5.14A

Solve. Explain your answers.

- 1.** The directions for a science experiment say to add 2.53 grams of powder to a mixture. Terrance has added 2.5 grams of powder. Has he added enough?

- 3.** Carl and Jim ran in a race. They both had finishing times of 14.6 seconds, but Carl came in first place and Jim came in second place. How could that be possible?

- 5.** Heather is taller than Carmen but shorter than Lita. All three girls' heights are more than 50 inches but less than 51 inches tall. What are possible heights for the three girls?

- 2.** A recipe calls for 8.2 ounces of milk. Maryanne has a carton that contains 8.20 ounces of milk. Does she have the right amount of milk?

- 4.** Joanne has two pet rabbits, Bluebell and Dandelion. They both weigh 5 pounds, but when Joanne puts them on opposite sides of a toy seesaw, Bluebell's side always goes down. Why might this happen?

- 6.** After learning about decimals, Jose explained to his little brother that it is possible for something to weigh more than 2.99 pounds but less than 3.00 pounds. His brother then tells his friends that something can cost more than \$2.99 but less than \$3.00. Is Jose's brother right?

