



Name _____

Decimal Quiz

Directions: Read each real-world situation. Answer the questions about the decimal.

1. A notebook costs \$7.45. ☐ The digit 4 is in the _____ place. ☐ Its value is _____.	2. A runner finishes a race in 12.368 seconds. ☐ The digit 6 is in the _____ place. ☐ Its value is _____.
3. A plant grows to 18.2 cm. ☐ The digit 2 is in the _____ place. ☐ Its value is _____.	4. A weather station records 23.09 mm of rain. ☐ The digit 9 is in the _____ place. ☐ Its value is _____.
5. A recipe uses 1.250 liters of water. ☐ The digit 5 is in the _____ place. ☐ Its value is _____.	6. A toy weighs 0.804 kg. ☐ The digit 4 is in the _____ place. ☐ Its value is _____.
7. A swimmer completes a lap in 35.47 seconds. ☐ The digit 7 is in the _____ place. ☐ Its value is _____.	8. A package measures 4.605 meters long. ☐ The digit 6 is in the _____ place. ☐ Its value is _____.
9. Why is it important to use decimals in real life? Circle the best answer. A. They make measurements and prices more exact. B. They make numbers easier to spell. C. They always make numbers larger.	
10. Which situation needs the greatest precision? Circle the best answer. A. Counting students in a class. B. Timing a race to the thousandth of a second. C. Counting books on a shelf.	