

Decimal Place Value Identification

Name: _____

Date: _____

Instructions: Answer the questions about the decimal numbers below. Write the value of each digit in the space provided.

Part A: Identify the Place Value

Write what place value position the underlined digit is in (e.g., tens, ones, tenths, hundredths, thousandths).

1. 24.58 → The digit 5 is in the _____ place.
2. 37.29 → The digit 7 is in the _____ place.
3. 16.43 → The digit 3 is in the _____ place.
4. 125.678 → The digit 7 is in the _____ place.
5. 0.042 → The digit 4 is in the _____ place.
6. 92.156 → The digit 9 is in the _____ place.

Part B: Write the Value of the Digit

Write the actual value of the underlined digit (e.g., 0.5, 70, 0.03).

7. 45.62 → The value of the digit 6 is _____
8. 183.47 → The value of the digit 8 is _____
9. 72.39 → The value of the digit 9 is _____
10. 6.245 → The value of the digit 5 is _____
11. 0.708 → The value of the digit 7 is _____
12. 304.26 → The value of the digit 3 is _____

Part C: Challenge Questions

13. In the number 538.264, which digit is in the hundredths place?

Answer: _____

14. Write a decimal number where 4 is in the tenths place and 7 is in the hundredths place.

Answer: _____

15. In the number 92.735, what is the total value of the digits in the decimal places?

Answer: _____