Rounding Decimals to Specified Places

Name: _____ Date: _____

Instructions: Round each decimal number to the specified place value. Show your work where needed.

Section A: Round to the nearest whole number

1. 34.7 = _____
2. 89.2 = _____
3. 15.51 = _____
4. 127.49 = _____
5. 6.82 = _____
6. 99.5 = _____

Section B: Round to one decimal place (nearest tenth)

7. 4.67 = _____
8. 12.34 = _____
9. 8.95 = _____
10. 23.482 = _____
11. 0.761 = _____
12. 56.08 = _____

Section C: Round to two decimal places (nearest hundredth)

13. 7.8264 = _____
14. 3.1459 = _____
15. 19.6782 = _____
16. 0.9951 = _____
17. 45.2348 = _____
18. 2.0055 = _____

Section D: Round to the specified place

19. Round 156.8347 to the nearest tenth: _____
20. Round 73.625 to the nearest whole number: _____
21. Round 0.04782 to two decimal places: _____
22. Round 249.996 to one decimal place: _____
23. Round 18.7651 to the nearest hundredth: _____
24. Round 5.0498 to three decimal places: _____

Challenge 🌟

25. A calculator shows π (pi) as 3.141592654. Round this to:

a) the nearest whole number: _____

b) one decimal place: _____

c) two decimal places: _____

d) three decimal places: _____