

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: _____