

# Rounding Decimals to Specified Places

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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**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  $\pi$  (pi) as 3.141592654. Round this to:

- a) the nearest whole number: \_\_\_\_\_
- b) one decimal place: \_\_\_\_\_
- c) two decimal places: \_\_\_\_\_
- d) three decimal places: \_\_\_\_\_