

Rounding Decimal Numbers

Round the following numbers to the requested place.

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|----------------------------|------------------------|-------------------------|
| 1. 54.7653, tenth | 2. 357.7283, hundredth | 3. 79.45796, tenth |
| 4. 32,476.7643, thousandth | 5. 583.8795, tenth | 6. 0.952, hundredth |
| 7. 13.9854, hundredth | 8. 2.7985, hundredth | 9. 0.875923, thousandth |

Round each value to the nearest cent. Remember, cents is the hundredths place!!

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|---------------|------------------|----------------|-------------------|
| 10. \$45.472 | 11. \$2,358.9832 | 12. \$731.8751 | 13. \$11.997 |
| 14. \$2.24745 | 15. \$19.9998 | 16. \$35.897 | 17. \$25,572.4653 |

Answer the following questions based on your knowledge of rounding.

18. The length of the Panama Canal is 50.7 miles. Round this to the nearest mile.
19. An English Pound (money) is worth \$1.74089. Round this to the nearest cent.
20. A bank pays interest on all of its accounts by rounding to the nearest cent. If the interest received on an account is \$54.7639, how much is received in the account?
21. The population of New York City was 8.008278 million. Round this population to the nearest million.
22. The Augusta, Georgia area encompasses 2,452.7 square miles. Round this to the nearest square mile.

Answers: 1) 54.8 2) 357.73 3) 79.5 4) 32,476.764 5) 583.9 6) 0.95 7) 13.99 8) 2.80 9) 0.876
10) \$45.47 11) \$2,358.98 12) \$731.88 13) \$12.00 14) \$2.25 15) \$20.00 16) \$35.90 17) \$25,572.47
18) 51 miles 19) \$1.74 20) \$54.76 21) 8 million 22) 2,452 square miles