Equation Review

Solve each equation. SHOW ALL STEPS.

1. $k + 18 = 25$

2. $589 + x = 700$

3. $96 = 56 + t$

4. $a - 9 = 57$

5. $b - 49 = 254$

6. $987 = f - 11$

7. $32 + d = 1{,}400$

8. $w - 24 = 90$

9. $95 = g - 340$

10. $\dfrac{c}{7} = 9$

11. $28 = z \div 3$

12. $\dfrac{y}{12} = 10$

13. $52w = 364$

14. $41x = 492$

15. $410 = 82p$

16. $35d = 735$

17. $195 = 65h$

18. $4k = 140$

19. Ashley earns $5.50 per hour babysitting. She wants to buy a CD player that costs $71.50, including tax. How many hours will she need to work to earn the money for the CD player?

20. A cat can jump the height of up to 5 times the length of its tail. How high can a cat jump if its tail is 13 inches long?

21. The Morales family is driving from Philadelphia to Boston. So far, they have driven 167 miles. This is 129 miles less than the total distance they must travel. How many miles is Philadelphia from Boston?