

Lesson 3 Homework Practice

Solve and Write Subtraction Equations

Solve each equation. Check your solution.

1. $h - 5 = 4$

2. $x - 2 = 5$

3. $g - 6 = 2$

4. $6 = c - 5$

5. $t - 7 = 19$

6. $5 = j - 8$

7. $y - 1.2 = 4.8$

8. $a - 3.2 = 5.5$

9. $6.6 = w - 1.2$

10. $d - \frac{1}{12} = \frac{5}{12}$

11. $m - \frac{3}{18} = \frac{11}{18}$

12. $b - \frac{3}{15} = 1$

13. PARASAILING A parasailor is attached by a cable to a boat and towed so that the parachute she is wearing catches air and raises her into the air. When the boat slows down to turn back toward the beach, the parasailor's chute catches less air and dips 25 meters. She must descend another 45 meters to return to the boat. Write and solve a subtraction equation to find her original height above the boat before the turn.

14. ALGEBRA What is the value of k if $16 = k - 9$?

15. PARKS The Petrified Forest National Park in Arizona recently expanded their boundaries by 93,533 acres. The original acreage was 125,000. Write and solve a subtraction equation to find the new acreage of the park.

16. AREA The total land area of the United States is about 3,483,511 square miles more than the total land area of Tennessee, which is about 53,927 square miles. Write and solve an equation to find the total land area of the United States.