

Directions: Solve for the variable. {hint: the final result should be a positive variable. (n) not ($-n$)}

1. $-1.5 = h + 5.1$

6. $\frac{7c}{9} = -28$

2. $-5\frac{7}{10} + 1.8 = q - 4\frac{3}{5}$

7. $-2.16 = -7.2t$

3. $-12 = c - 2$

8. A maple tree is 3 times the heights of an oak tree. If the maple tree is 27 feet high, how high is the oak?

4. $4 = w - (-5^2)$

9. Jon and Sophie collected $\frac{2}{3}$ of all the cans that were collected for recycling. If they collected 3894 cans, how many cans were collected for recycling?

5. After a library gave 120 paperbacks, 80 magazines, and 52 hardbacks to a school, the school had 2985 paperback, magazines and hard covered books. How many did the school have before the gift?