

Name:

## Two-Steps Equations

For questions 1-3 solve each equation using the Properties of Equality. Check your solutions.

1.  $15y + 31 = 61$

2.  $9 - c = -13$

3.  $\frac{x}{8} - \frac{1}{2} = 6$

4. In 2015 , an autonomous vehicle drove from the Golden Bridge to New York City at an average speed of 15.7 miles per hour.The journey took 9 days.About how far did the vehicle travel?

5.Look at each equation and possible solution. Is the solution correct?  
Select( circle) Yes or No for each equation.

a) $-3x = -30$	Yes	No
$x = -10$		

b) $25 - 2y = 13$	Yes	No
$y = 6$		

c) $\frac{z}{3} + 2 = 6$	Yes	No
$z = 16$		

