

8 Math - Homework Jan. 16, 2019

Name _____

Solve the equations. Show your work on a separate sheet of paper.

1. $7x + 5 = 68$

2. $14 - 3x = 32$

3. $\frac{x}{3} - 14 = -11$

4. $\frac{x}{-2} + 5 = 7$

5. $12 - 2x + 5 = -1$

6. $5x + 5 = 5x - 4$

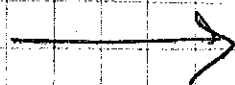
7. $3(8 - x) = 12$

8. $16x + 8 = 2(8x + 4)$

Write the verbal and solve.

9. Nine is equal to 15 minus a number.

10. Seven times a number minus five is equal to 16.



Solve by clearing fractions and decimals.
Round to nearest hundredth.

11. $\frac{7}{8}x = \frac{3}{4}$

12. $\frac{1}{2}x + 3 = \frac{-2}{5}$

13. $3.8x + 1.05 = 7.9$

14. $1.8 + 3.07 = 9x$