Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Review Sheet** – Multi Step Equations

1. Solve: = -225
2. Simplify:
3. Translate “*three times the sum of a number and nine*”
4. Solve:
5. Translate and Solve: “*three times a number plus 14 equals negative seven”*
6. Solve:
7. Solve:
8. Solve:
9. Solve **AND** State the properties used to solve the equation:

1. Patrick needs a moving truck this weekend to move into his new apartment. Company A charges a $75 rental fee plus $.25 per mile. Company B charges a $55 rental fee plus $.75 per mile.
2. Write an expression to represents Company A’s charges.
3. Write an expression to represent Company B’s charges.
4. Determine at how many miles will the 2 companies charge the same amount.
5. Which company will be cheaper if Patrick only needs the van for 22 miles?

