Algebra 1   Name_____

1) Yessenia simplified an expression as shown below:

Given:	$x + 6 + 3(x + 4)$
Step 1:	$x + 9(x + 4)$
Step 2:	$x + 9x + 36$
Step 3:	$10x + 36$

In which step did Yessenia make a mistake?   What should she have done instead?

2) Sierra simplified an expression as shown below:

Given:	$x + 8 + 5(x - 4)$
Step 1:	$x + 8 + 5x - 20$
Step 2:	$5x + 8 - 20$
Step 3:	$5x - 12$

In which step did Sierra make a mistake?   What should she have done instead?

3) Jose simplified an expression as shown below:

Given:	$x + 3 + 7(x - 5)$
Step 1:	$x + 3 + 7x - 5$
Step 2:	$8x + 3 - 5$
Step 3:	$8x - 2$

In which step did Jose make a mistake?   What should he have done instead?