Solve each equation

$\frac{x}{5} = -6.5$

$x = -30$

$\frac{-30}{5} = -6$ ✓

$12 = \frac{3}{4}a$

$\frac{4}{3} \cdot \frac{12}{1} = \frac{48}{3} = 16$

$a = 16$

Algebra 1 Writing Assignment

1) What is the difference between simplifying an algebraic expression like $x - 5 + 6$, and solving an equation like $x - 5 = 6$?

2) Which should be taught first, simplifying expressions or solving equations? Why?

****You may want to start your response by explaining the definition of "expression" and "equation", and how expressions differ from equations.*

Helpful vocabulary:

1) Algebraic expression (p.4)
2) Equation (p.5)
3) Simplify (p.9)
4) Combining Like Terms (p.47)
5) Solution of an equation (p.68)

DO	What
Start	by explaining definitions.
Explain	the difference btw simplifying & Solving
Explain	which first

1)Task
2)Purpose
3)Organize
4)Outline/Draft
5)Final

Rubric:

	4	3	2	1
EXPLANATION	A clear, complete, and detailed response to all prompts.	Good response to all prompts.	Response is unclear, and does not address each prompt.	Minimal response to prompts.
DEMONSTRATED KNOWLEDGE	Shows complete understanding of the questions posed, concepts, and definitions.	Shows good understanding of the questions posed, concepts, and definitions.	Shows some understanding of the concepts and definitions.	Student lacks understanding of the concepts and definitions.
EXAMPLES	Student clearly ties examples to all major points of discussion.	Student includes examples in some portions discussion.	Lists examples but does not tie them to discussion.	Student does not use examples.
REQUIREMENTS	Student exceeds requirements of the assignment.	Student meets requirements of the assignment.	Student meets some of the requirements of the assignment.	Student does not meet the requirements of the assignment.

Total Score:__