Practice Test - Green

Unit 1: Solving Linear Equations

Score:

$\overline{25}$

Linear Equations Goal 1:

Students will understand the meanings of operations and how they relate to one another, especially as a means to solve equations and evaluate expressions.

Clearly show required work. Check carefully!

1. $\quad -3 = \dfrac{3}{4}x + 6$	**2.** $\quad 2 - 6w = 10w - 2$
(3)	**(3)**
3. $\quad 8 - 4(x - 1) = 0$	**4.** $\quad 8(x - 2) = 4(2x - 4)$
(3)	**(3)**

5. $5x+2=3x+(8x+2)$	6. Solve for x if $I = \dfrac{xh}{3} - a$
(3)	(3)

7-9 Substitute and evaluate the algebraic expressions if m = -2, n = 3, s = 5, $\boldsymbol{p} = \dfrac{4}{5}$, and $\boldsymbol{y} = \dfrac{1}{3}$.

7. $5m-5p$	8. $-9y^2 +15p -15$	9. $\dfrac{8}{p}$
(2)	(3)	(2)