

1) Simplify algebraic expression

$$(2x - x) - ((9y - y - 8y)) + 7y =$$

- a) Solve for  $x = 2$  ,  $y = 1$  \_\_\_\_\_
- b) Solve for  $x = 7$  ,  $y = 1$  \_\_\_\_\_
- c) Solve for  $x = 5$  ,  $y = 1$  \_\_\_\_\_

2) Simplify algebraic expression

$$(4y - (-2)) - 5 - 14 + (1 + 9) =$$

- a) Solve for  $y = 3$  \_\_\_\_\_
- b) Solve for  $y = 1$  \_\_\_\_\_
- c) Solve for  $y = 5$  \_\_\_\_\_

3) Simplify algebraic expression

$$(9y - x) + (0 \times (-5)) \div (3 \times (-10)) =$$

- a) Solve for  $x = 10$  ,  $y = 1$  \_\_\_\_\_
- b) Solve for  $x = 0$  ,  $y = 1$  \_\_\_\_\_
- c) Solve for  $x = 1$  ,  $y = 1$  \_\_\_\_\_

4) Simplify algebraic expression

$$2z + 8 \div (-2) \times (30z \div (-6)) \times (((4 \times (-2y) - (-6)))) =$$

- a) Solve for  $z = 0$  ,  $y = 3$  \_\_\_\_\_
- b) Solve for  $z = 0$  ,  $y = 8$  \_\_\_\_\_
- c) Solve for  $z = 0$  ,  $y = 0$  \_\_\_\_\_