Name: _____

Time: _____ Score: ____ /____

1) Simplify algebraic expression

$3x + 0y \div y \times 7y - 0x \times 2z =$

a) Solve for $z = 2$, $y = 6$, $x = 2$ _____

b) Solve for $z = 7$, $y = 10$, $x = 3$ _____

c) Solve for $z = 3$, $y = 10$, $x = 1$ _____

2) Simplify algebraic expression

$10y - 0y \div (8x) \div (7x) \times 4x - 0y \div (6z \div 3) =$

a) Solve for $z = 8$, $y = 1$, $x = 6$ _____

b) Solve for $z = 4$, $y = 1$, $x = 1$ _____

c) Solve for $z = 4$, $y = 1$, $x = 9$ _____

3) Simplify algebraic expression

$(8y - 5y) - 0 \div (9x) \div ((3y + 4x)) =$

a) Solve for $y = 3$, $x = 6$ _____

b) Solve for $y = 2$, $x = 3$ _____

c) Solve for $y = 3$, $x = 4$ _____

4) Simplify algebraic expression

$(90x \div 10 - 7x - x) + (5z \div 5) =$

a) Solve for $z = 3$, $x = 5$ _____

b) Solve for $z = 5$, $x = 2$ _____

c) Solve for $z = 6$, $x = 1$ _____