Name: _____

Time: _____   Score: ____ / ____

17) Simplify algebraic expression

$$3x - (-7y) - 2y + 1 + (-5y) - (-6) + (-4x) - (-1z) =$$

a) Solve for $z = 7$, $x = 6$, $y = 5$ _____

b) Solve for $z = 2$, $x = 8$, $y = 10$ _____

c) Solve for $z = 2$, $x = 1$, $y = 8$ _____

18) Simplify algebraic expression

$$7x - (-7x) + 10z - 8y - 9x - (-1x) + 9x + (-13) =$$

a) Solve for $z = 2$, $x = 4$, $y = 7$ _____

b) Solve for $z = 9$, $x = 0$, $y = 8$ _____

c) Solve for $z = 8$, $x = 1$, $y = 9$ _____

19) Simplify algebraic expression

$$3z + 8 - (-5) + 14 - 20 + 5 - 9z + 3x =$$

a) Solve for $z = 7$, $x = 9$ _____

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

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

20) Simplify algebraic expression

$$3z + x + 7x - (-4z) + (-3z) - 9 - 5y + (-3) =$$

a) Solve for $z = 1$, $x = 3$, $y = 5$ _____

b) Solve for $z = 0$, $x = 5$, $y = 7$ _____

c) Solve for $z = 2$, $x = 2$, $y = 2$ _____