

## R – 5 Homework Assignment

### Algebra 1

#### Evaluate/Simplify Expressions

Evaluate the following expressions.

- 1)  $zy + 4y$ ; use  $y = 5$  and  $z = 2$
- 2)  $4 + m + n - m$ ; use  $m = 4$  and  $n = 9$
- 3)  $x + 8 - y$ ; use  $x = 20$  and  $y = 17$
- 4)  $y + yx$ ; use  $x = 15$  and  $y = 8$
- 5)  $q/6 + p$ ; use  $p = 10$  and  $q = 12$

Simplify the following expressions.

- 6)  $1 - 3v + 10$
- 7)  $7x + 31x$
- 8)  $-2(1 - 5v)$
- 9)  $3(4 + 3r)$
- 10)  $-(-2 - r)$
- 11)  $-4(3x + 2)$
- 12)  $(3 - 7k)(-2)$
- 13)  $(x + 1)(14)$
- 14)  $-7(k - 8) + 2k$
- 15)  $3 - 8(7 - 5n)$