

# Homework Week 1 Monday

**Simplify the expressions and evaluate for the given value (Show your work)**

1.  $-4x + 5 + 9x - 2$  if  $x = 6$

2.  $7 + 7x - (-2x) + 3$  if  $x = -4$

3.  $x - 8 + (-8x) - 15$  if  $x = -9$

4.  $-5 - 3x - x - (-16)$  if  $x = 20$

5.  $-6x + (-4) + 15x - 5 - 2x$  if  $x = -1$

6.  $7(x - 3) + 4x$  if  $x = 3$

7.  $9x - 2(x + 6)$  if  $x = -10$

8.  $15 - 4(a - 5)$  if  $a = 8$

9.  $a + 6(7 - a)$  if  $a = -6$

10.  $-5(-2a + 3) - 8$  if  $a = -2$