

1.5b Substitution

$$a = -2, b = -8, c = 5$$

Ex. 1 a)  $ab$

$$(-2)(-8)$$

$$\boxed{16}$$

b)  $ac - b$

$$(-2)(5) - (-8)$$

$$-10 + (+8)$$

$$\boxed{-2}$$

c)  $a(b-a)$

$$(-2)((-8) + (+2))$$

$$(-2)(-6)$$

$$\boxed{12}$$

d)  $|b-c|$

$$|(-8) - (5)|$$

$$|-13|$$

$$\boxed{13}$$

e)  $|a-bc|$

$$\left| (-2) + (+8)(5) \right|$$

$$\left| (-2) + 40 \right|$$

$$|38|$$

$$\boxed{38}$$

HW: p. 34 #A11