

Collecting Like Terms (A)

Simplify $-4a + 3 + 4 + 7b + 8a + b$.

$$-4a + 8a = 4a$$

$$7b + b = 8b$$

$$3 + 4 = 7$$

$$4a + 8b + 7$$

Simplify $-9 + 7a - a^2 + 4a + 6 + 6a^2$.

$$-a^2 + 6a^2 = 5a^2$$

$$7a + 4a = 11a$$

$$-9 + 6 = -3$$

$$5a^2 + 11a - 3$$