

4205

$$a_n = a_1 + (n-1)d$$

$$a_n - a_1 = (n-1)d$$

$$\frac{a_n - a_1}{d} = n-1$$

$$\frac{a_n - a_1}{d} + 1 = n$$

$$\frac{411 - 11}{5} + 1 = n$$

$$n = 81$$

4206

a)

$$n = 1 + \frac{a_n - a_1}{d}$$

$$= 1 + \frac{256 - 4}{4}$$

$$= 1 + \frac{252}{4}$$

$$= 1 + 63$$

$$= 64$$