

$$\underline{-11} \quad 3S_{2n} = S_{3n} + 3S_n$$

$$3 \cdot \frac{2n}{2} [2a_1 + d(2n-1)] = \frac{3n}{2} [2a_1 + d(3n-1)] + \frac{3n}{2} [2a_1 + d(n-1)]$$
$$4a_1 + 4dn - 2d = 2a_1 + 3n - d + 2a_1 + dn - d$$