

$$\frac{1}{(757)} \quad a_1 = 2, a_2 = 2+3=5, a_3 = 5+3=8, a_4 = 8+3=11, a_5 = 11+3=14$$

$$\frac{3}{(757)} \quad a_1 = 1, a_2 = 1+1=2, a_3 = 2+2=4, a_4 = 4+3=7, a_5 = 7+4=11$$

$$\frac{5}{(757)} \quad a_1 = 2, a_2 = 3 \cdot 2 = 6, a_3 = 3 \cdot 6 = 18, a_4 = 3 \cdot 18 = 54, a_5 = 18 \cdot 3 = 162$$

$$\frac{7}{(757)} \quad a_1 = 6, a_2 = 2 \cdot 6 - 2^2 = 8, a_3 = 2 \cdot 8 - 2^3 = 8, a_4 = 2 \cdot 8 - 2^4 = 0, a_5 = 2 \cdot 0 - 2^5 = -32$$

$$\frac{9}{(757)} \quad a_1 = 0, a_2 = -0^2 + 2 = 2, a_3 = -2^2 + 2 = -2, a_4 = -(-2)^2 + 2 = -2, a_5 = -(-2)^2 + 2 = -2$$

$$\frac{11}{(757)} \quad a_1 = -1, a_2 = -1 + 1^2 = 0, a_3 = 0 + 2^2 = 4, a_4 = 4 + 3^2 = 13, a_5 = 13 + 4^2 = 29$$

$$\frac{13}{(757)} \quad a_1 = 0, a_2 = 0 + 1^3 = 1, a_3 = 1 + 2^3 = 9, a_4 = 9 + 3^3 = 36, a_5 = 36 + 4^3 = 100$$

$$\frac{15}{(757)} \quad a_1 = 1, a_2 = \frac{a_1(1+1)}{1} = 2, a_3 = \frac{2(2+1)}{2} = 3, a_4 = \frac{3(3+1)}{2} = 4, a_5 = \frac{4(4+1)}{4} = 5$$

$$\frac{17}{(757)} \quad a_1 = 3, a_2 = 3 + (-1)^1 = 2, a_3 = 2 + (-1)^2 = 3, a_4 = 3 + (-1)^3 = 2, a_5 = 2 + (-1)^4 = 3$$

$$\frac{19}{(757)} \quad a_1 = 1, a_2 = 1 - \frac{1}{1^2+1} = \frac{1}{2}, a_3 = \frac{1}{2} - \frac{1}{2^2+2} = \frac{1}{3}, a_4 = \frac{1}{3} - \frac{1}{3^2+3} = \frac{1}{4}, a_5 = \frac{1}{4} - \frac{1}{4^2+4} = \frac{1}{5}$$

$$\frac{21}{(757)} \quad a_1 = 1, a_2 = \frac{1}{1+1} = \frac{1}{2}, a_3 = \frac{1/2}{1/2+1} = \frac{1}{3}, a_4 = \frac{1/3}{1/3+1} = \frac{1}{4}, a_5 = \frac{1/4}{1/4+1} = \frac{1}{5}$$

$$\frac{23}{(757)} \quad a_1 = 1, a_2 = \sqrt{1^2+2 \cdot 1+1} = 2, a_3 = \sqrt{2^2+2 \cdot 2+1} = 3, a_4 = \sqrt{3^2+2 \cdot 3+1} = 4, a_5 = \sqrt{4^2+2 \cdot 4+1} = 5$$

$$\frac{25}{(757)} \quad a_1 = 1, a_2 = 2^1 = 2, a_3 = 2^2 = 4, a_4 = 2^4 = 16, a_5 = 2^{16} = 65536$$