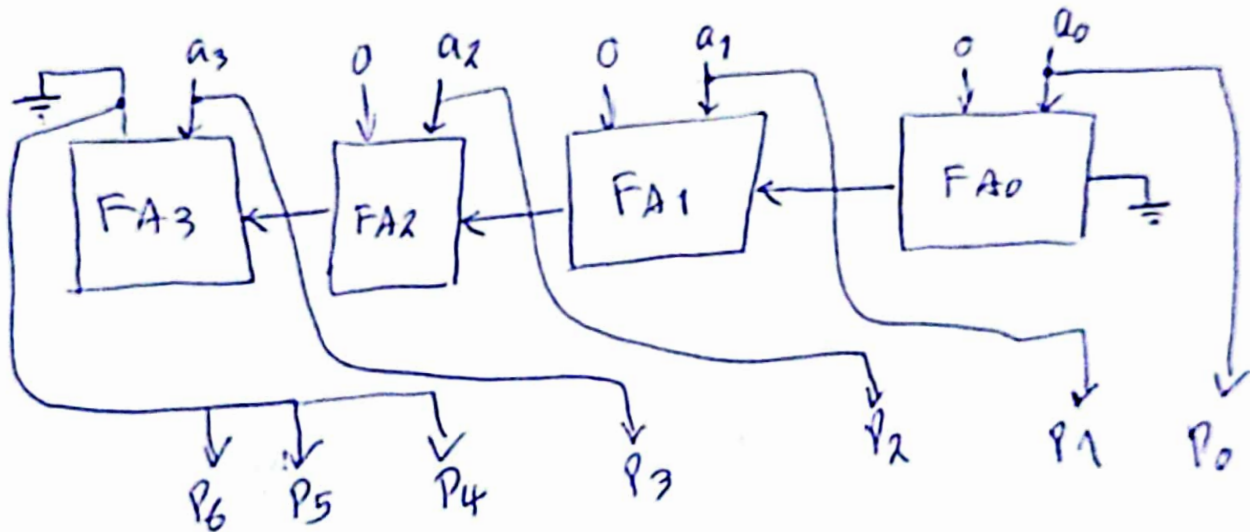


سوال (۱)

$$A = a_3 a_2 a_1 a_0$$

$$B = 1/2/3/4 = B_3 B_2 B_1 B_0$$

برای A داریم:



$$\begin{array}{r} \times \quad 0001 \\ \quad a_3 a_2 a_1 a_0 \end{array}$$

-20

$$\begin{array}{r} + \quad \begin{array}{r} 000a_10 \\ 000a_200 \\ 000a_3000 \end{array} \end{array}$$

$$\begin{array}{r} 000a_3a_2a_1a_0 \\ \downarrow \downarrow \downarrow \downarrow \downarrow \downarrow \downarrow \\ p_6 \quad p_5 \quad p_4 \quad p_3 \quad p_2 \quad p_1 \quad p_0 \end{array}$$