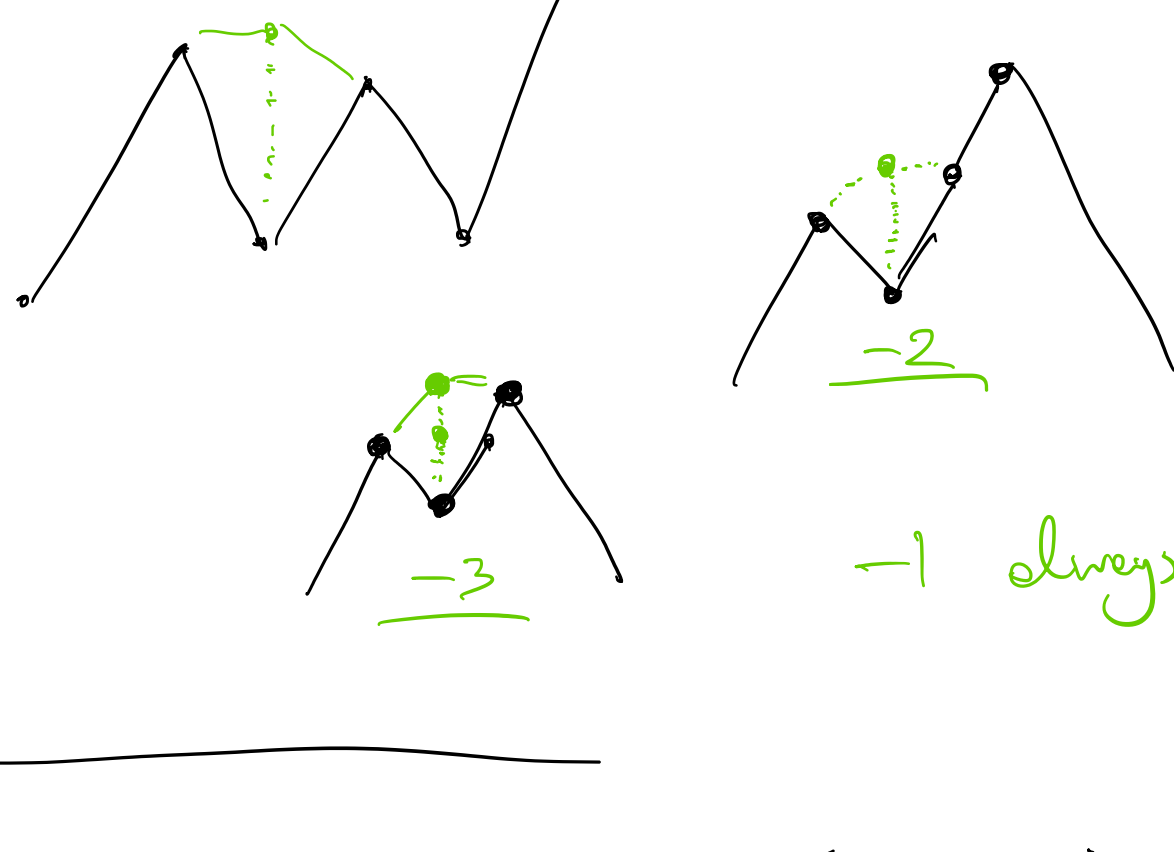


1 6 2 5 2 10



$$\begin{array}{rcl}
 1 & 2 & 6 & 3 & 4 & 5 & 5 \\
 \hline
 -5 & 2 & & 3 & 4 & 5 & 5 \\
 \hline
 -10 & 2 & & 3 & 4 & & 5 \\
 \hline
 2 & & 3 & 4 & & & 15 \\
 \hline
 -1 & & 4 & & & & 15 \\
 \hline
 -5 & & & & & & 15 \\
 \hline
 & & & & & & 20
 \end{array}$$

$$7 \ 5 \ 4 \mid 2 \ 8 \mid 7 \ 1$$

$$7 \ 5 \ 4 \mid 2 \mid 7 \ -8$$

$$5 \ 4 \mid 2 \mid 7$$



$$y - (x - (B - y) - (C - (A - x))) =$$

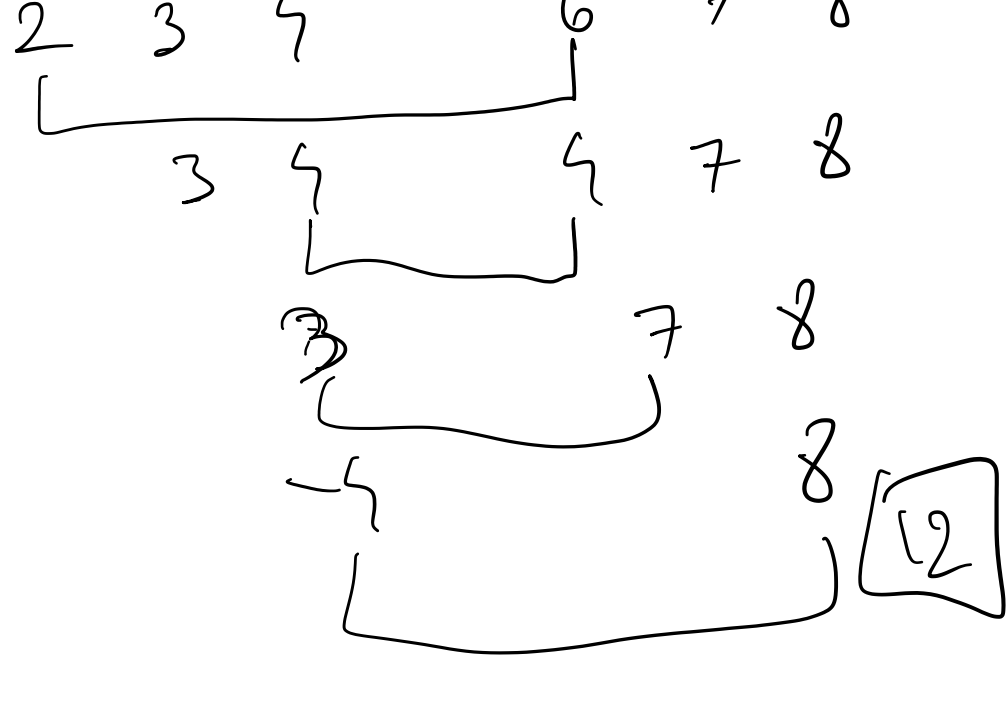
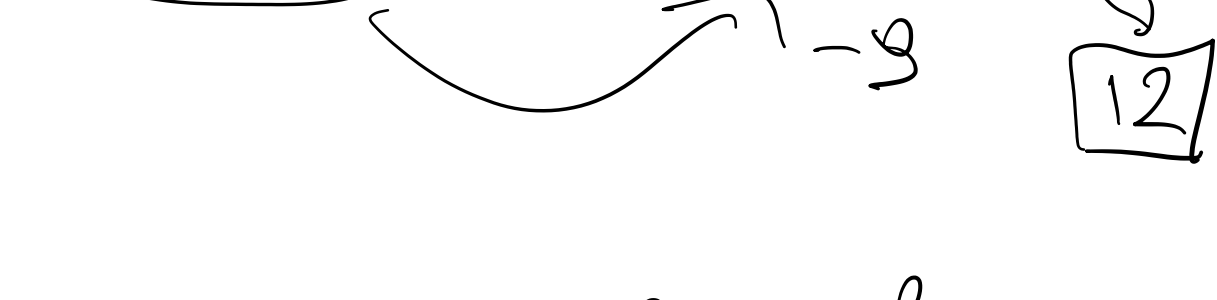
$$= y - (x - B + y - C + A - x) =$$

$$= B + C - A - 2x$$

$$-(x - B - C + (A - x)) =$$

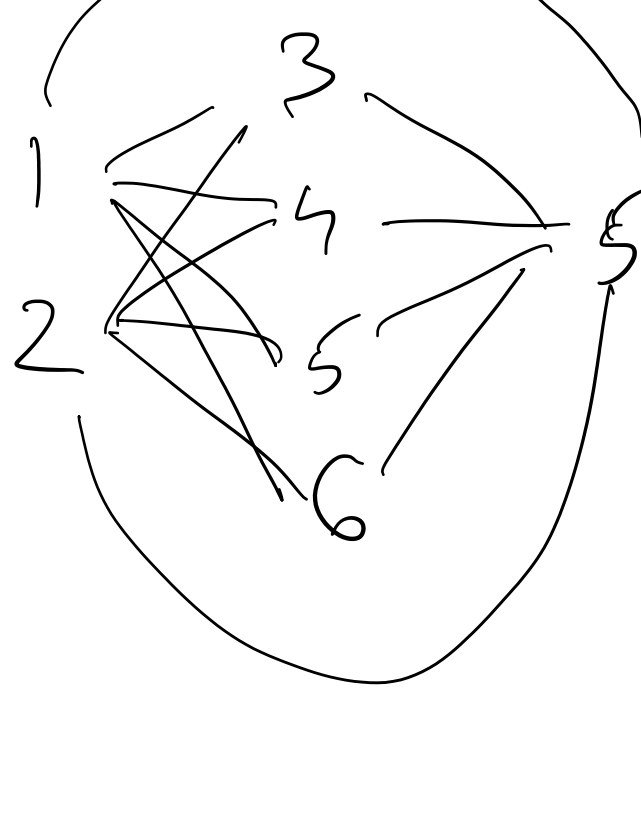
$$= -x + B + C - A + x = B + C - A$$

$$\begin{array}{rcl}
 1 & 2 & 6 & 3 & 4 & 5 & 5 \\
 (2) & & (6) & & & & (5) \\
 3 & & 18 & & & & 5 \\
 \uparrow & & \uparrow & & & & \\
 23 + 6 - 3 = & & 8 + 12 - 18 = 2 & & & & 
 \end{array}$$



$$7 \ 5 \ 4 \quad 2 \ 8 \quad 7 \ 1$$

$$16 \quad 11 \quad 8$$

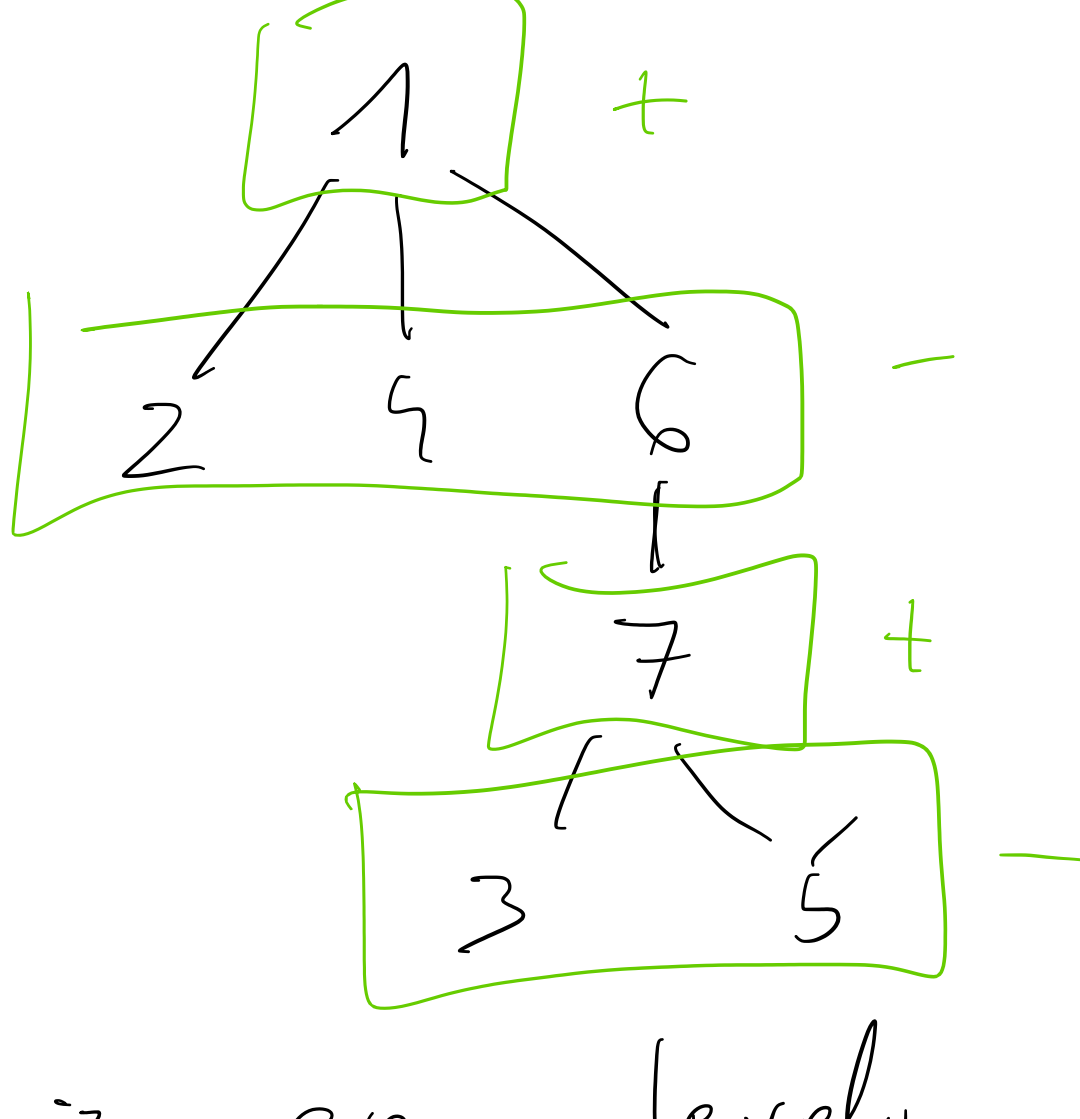
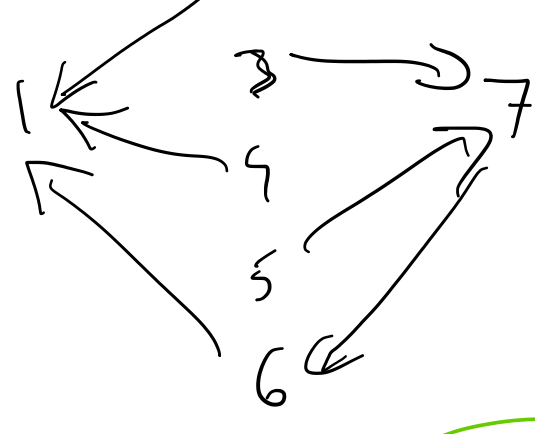


$$\text{path: } x \rightarrow y$$

$$S(x) \neq S(y)$$

Find path (all numbers):

$$n_1 - n_2 + n_3 - n_4 + n_5 - \dots$$



minimize even levels

