

$$\text{Result} \Rightarrow \overset{b}{53} - \overset{a}{75}$$

$$\text{Input} \Rightarrow \overset{s}{128} \quad \overset{d}{22}$$

$$75 + 53 = 128$$

$$75 - 53 = 22$$

$$a \geq b$$

$$s = a + b$$

$$d = a - b$$

$$\begin{array}{l} s + d = a + b + a - b \\ s + d = 2a \\ \hline a = \frac{s + d}{2} \end{array}$$

$$b = s - a$$