

A Maths Question, PSLE 2020

Q7

Lucy had an equal number of gold and silver stickers. She gave 14 silver stickers and 26 gold stickers to her sister. All the remaining stickers will be given to Nick. For every 1 gold sticker, he will receive 3 silver stickers. How many gold and silver stickers did Lucy have at first?

<< Multiple Maths >>

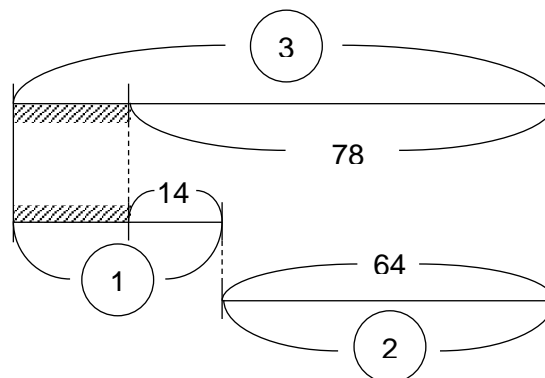
<G.R.>

Let ① be the number of gold stickers at first.

Gold	Silver
①	①
- 26	- 14
$3 \times 1$	:
	3

For every 1 gold sticker, he will receive 3 silver stickers – means that the number of silver stickers is 3 times as many as the number of gold stickers.

<Diagram>



<Writing>

$$3 \times 26 = 78$$

$$78 - 14 = 64$$

$$\textcircled{3} - \textcircled{1} = \textcircled{2}$$

$$64 \div \textcircled{2} = 32 \rightarrow \textcircled{1}$$

$$\textcircled{1} + \textcircled{1} = \textcircled{2}$$

$$2 \times 32 = 64$$

Answer 64