

## A Maths Question, PSLE 2015

Mrs Lim spent \$945 on a table and 4 chairs. The price of the chair is  $\frac{2}{7}$  of the table.  
Find the cost of the table.

<< Sharing Maths >>

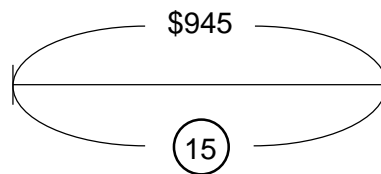
Let ⑦ be the cost of the table.

The price of one chair will be ②.

< G.R. >

Table	Chair
⑦	② × 4
\$945	

< Diagram >



< Writing >

$$4 \times \textcircled{2} = \textcircled{8}$$

$$\textcircled{7} + \textcircled{8} = \textcircled{15}$$

$$\$945 \div \textcircled{15} = \$63 \rightarrow \textcircled{1}$$

$$7 \times \$63 = \$441 \rightarrow \text{Table}$$

Answer \$441

Check

$$\frac{2}{7} \times \$441 = \$126 \rightarrow \text{one chair}$$

$$4 \times \$126 = \$504 \rightarrow 4 \text{ chairs}$$

$$\$441 + \$504 = \$945 \rightarrow \checkmark$$