

Steps for Module 2 Lesson 5

1. Decompose factors two (2) ways.

example: 41×25



$(40+1)$ $(20+5)$

$(10+10+10+1)$ $(10+10+5)$

2. Draw area model for each.

example: *see page 2*

3. Write a story problem.

example: I have 41 cookie jars and 25 cookies in each jar. How many cookies are there?

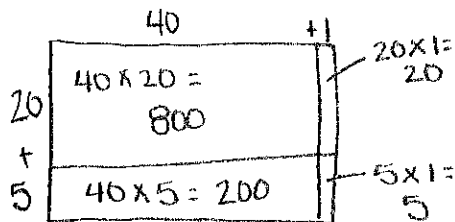
Module 2 Lesson 5 - Examples

$$41 \times 25$$

$(40+1)$ or $(10+10+10+1)$

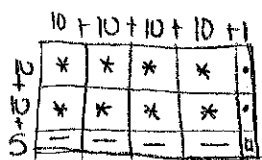
$(20+5)$ or $(10+10+5)$

①



$$\begin{array}{r}
 800 \\
 200 \\
 20 \\
 + 5 \\
 \hline
 1025
 \end{array}$$

②



- * $10 \times 10 = 100$
- $10 \times 1 = 10$
- $5 \times 10 = 50$
- $5 \times 1 = 5$

$$\begin{array}{r}
 2 \\
 100 \\
 100 \\
 100 \\
 100 \\
 100 \\
 100 \\
 100 \\
 100 \\
 50 \\
 50 \\
 50 \\
 50 \\
 10 \\
 10 \\
 + 5 \\
 \hline
 1025
 \end{array}$$

Area
Models