

Roberto's Charts

Solve the following problems by first breaking the two-digit number into tens and ones and then multiplying. For each problem, write a story and draw a simple picture to match your solution. Use the *Multiplication Table* in the *Student Guide* Reference section.

<p>1. Problem: 3×54</p> <p><u>Products to Calculate</u></p> <p>____ \times ____</p> <p>____ \times ____</p>	<p><u>Calculations</u></p> <p>____ \times ____ = ____</p> <p>____ \times ____ = ____</p> <p>____ + ____ = ____</p>
<p><u>Story</u></p>	<p><u>Picture</u></p>

<p>2. Problem: 4×78</p> <p><u>Products to Calculate</u></p> <p>____ \times ____</p> <p>____ \times ____</p>	<p><u>Calculations</u></p> <p>____ \times ____ = ____</p> <p>____ \times ____ = ____</p> <p>____ + ____ = ____</p>
<p><u>Story</u></p>	<p><u>Picture</u></p>

<p>3. Problem: 36×7</p> <p><u>Products to Calculate</u></p> <p>____ \times ____</p> <p>____ \times ____</p>	<p><u>Calculations</u></p> <p>____ \times ____ = ____</p> <p>____ \times ____ = ____</p> <p>____ + ____ = ____</p>
<p><u>Story</u></p>	<p><u>Picture</u></p>

Name _____ Date _____

<p>4. Problem: 8×27</p> <p><u>Products to Calculate</u></p>	<p><u>Calculations</u></p>
<p><u>Story</u></p>	<p><u>Picture</u></p>

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Check-In: Question 5

<p>5. Problem: 4×22</p> <p><u>Products to Calculate</u></p>	<p><u>Calculations</u></p>
<p><u>Story</u></p>	<p><u>Picture</u></p>

Name _____ Date _____

Roberto's Chart
Check-In: Question 5
Feedback Box

	Expectation	Check In	Comments
Represent 2-digit by 1-digit multiplication problems using rectangular arrays, counters, and number sentences	E1		
Show connections between models and strategies for multiplication. <ul style="list-style-type: none"> • Picture connects to strategy. • Picture connects to story. 	E2		
Solve multidigit multiplication problems using mental math strategies.	E3		
Multiply one-digit whole numbers by multiples of ten.	E5		
Solve multiplication problems by breaking products into the sum of simpler products.	E7		

Yes . . .

Yes, but . . .

No, but . . .

No . . .

	Yes . . .	Yes, but . . .	No, but . . .	No . . .
MPE2. Find a strategy. I choose good tools and an efficient strategy for solving the problem.				
MPE5. Show my work. I show or tell how I arrived at my answer so someone else can understand my thinking.				