Name _____

Multiply Money

(**I Can**) draw a diagram to help solve a decimal multiplication problem.

Florida's B.E.S.T.

● **Number Sense & Operations** 5.NSO.2.4
● **Measurement** 5.M.2.1
● **Mathematical Thinking & Reasoning**
 MTR.1.1, MTR.2.1, MTR.3.1, MTR.4.1,
 MTR.5.1, MTR.6.1, MTR.7.1

⊞ UNLOCK the Problem 🌎 Real World

A group of friends go to a local fair. Jayson spends $3.75. Myra spends 3 times as much as Jayson. Teresa spends $5.25 more than Myra. How much does Teresa spend?

Use the graphic organizer below to help you solve the problem.

Read the Problem	Solve the Problem
What do I need to find? I need to find _____ _____ _____ .	The amount of money Myra and Teresa spend depends on the amount Jayson spends. Draw a diagram to compare the amounts without calculating. Then, use the diagram to find the amount each person spends. Jayson [$3.75] Myra [___][___][___] Teresa [___][___][___][$5.25]
What information do I need to use? I need to use the amount spent by _____ to find the amount spent by _____ and _____ at the fair.	**Jayson:** $3.75 **Myra:** 3 × _____ = _____ **Teresa:** _____ + $5.25 = _____
How will I use the information? I can draw a diagram to show _____ _____ _____ .	

So, Teresa spent _____ at the fair.

(**Go Online** ⟩ For more help)

Try Another Problem

Olena's savings account has a balance of $57.85 in January. By March, her balance is 4 times as much as her January balance. Between March and November, Olena deposits a total of $78.45. If she does not withdraw any money from her account, what should Olena's balance be in November?

Read the Problem	Solve the Problem
What do I need to find?	
What information do I need to use?	
How will I use the information?	So, Olena's savings account balance will be _____ in November.

- **MTR** How does the diagram help you determine if your answer is reasonable?

_____

_____

Math Talk

MTR 2.1 Demonstrate understanding in multiple ways.

Describe a different diagram you could use to solve the problem.