

# My Step-by-Step Model Drawings Checklist

Step #	Directions	<input checked="" type="checkbox"/>
<b>1</b>	Read the entire problem	
<b>2</b>	Rewrite the question in sentence form, leaving a space for the answer.	
<b>3</b>	Determine who and/or what is involved in the problem	
<b>4</b>	Draw the unit bar(s)	
<b>5</b>	Chunk the problem, adjust the unit bars, and fill in the question mark	
<b>6</b>	Correctly compute and solve the problem	
<b>7</b>	Write the answer in the sentence, and make sure the answer makes sense.	
<b>8</b>	Explain how you arrived at your answer, in 2-3 sentences.	

-Glue math problem here-

Date: \_\_\_\_\_

Sentence Form:

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**Model Drawing**

**Computation**

**Explanation**

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# My Math Work Mat

# Resources

Baratta-Lorton, M. *Mathematics Their Way*. Dale Seymour, 1985.

Forsten, C. & Richards, T. *Math Talk Teaching Concepts & Skills Through Illustrations & Stories*. Crystal Springs Book, 2012.

Parrish, S. *Number Talks Helping Children Build Mental Math and Computation Strategies*. California, Math Solutions, 2010.

Richardson, K. *Developing Number Concepts Addition and Subtraction Book 2*. Dale Seymour, 1999.

Richardson, K. *Developing Number Concepts Counting, Comparing, and Pattern Book 1*. Dale Seymour, 1999.

Samulski, S. *Math Strategy Games: Incorporating the 8 Mathematical Practice Standards*. Michigan, Strategic Intervention Solutions, 2013.

Samulski, S. *My Counting Buddy Book with Buddy Junior and Senior*. Michigan, Strategic Intervention Solutions, 2012.

Samulski, S. *Understanding Combinations and Missing Parts Screener*. Michigan, Strategic Intervention Solutions, 2013.

Samulski, S. *Understanding Number Quantity Screener*. Michigan, Strategic Intervention Solutions, 2013.

Samulski, S. *Deck O' Dots*. Michigan, Strategic Intervention Solutions, 2015.

Van de Walle, J. and Lovin, L. *Teaching Student-Centered Mathematics: Vol. 1 Grades K-3*. Allyn & Bacon, 2005.

## **Websites:**

Math Performance Tasks: <http://www.rda.aps.edu/mathtaskbank/start.htm>

Dreambox Learning: <http://www.dreambox.com/teachertools>

NCTM Illuminations: <http://illuminations.nctm.org/>

Math Class, Kid Snippets: <http://www.youtube.com/watch?v=KdxEA91D7k>

New York Engage: <http://www.engageny.org/mathematics>

Georgia Math: <https://www.georgiastandards.org/Common-Core/Pages/Math-K-5.aspx>

Fuel the Brain: <http://www.fuelthebrain.com/Interactives/app.php?ID=29>

## **Great Apps:**

Stick Pick: <https://itunes.apple.com/us/app/stick-pick/id436682059?mt=8>

Math Doodles: <https://itunes.apple.com/us/app/math-doodles/id526959716?mt=8>