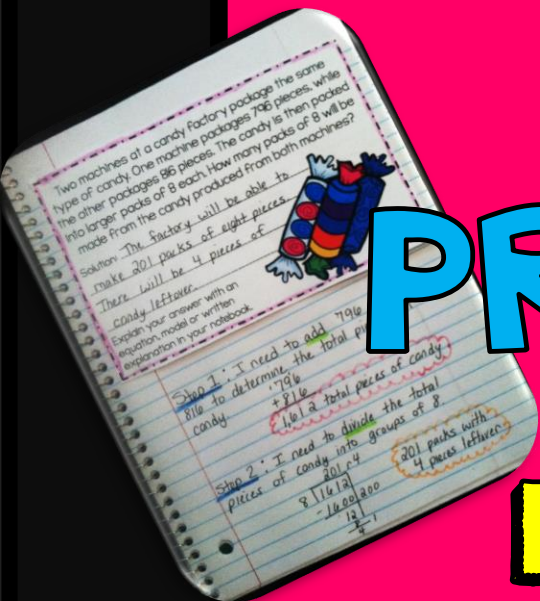


# MATH WORD PROBLEMS:

## INTERACTIVE NOTEBOOK

# MULTI-STEP

# WORD PROBLEMS {WHOLE NUMBERS}



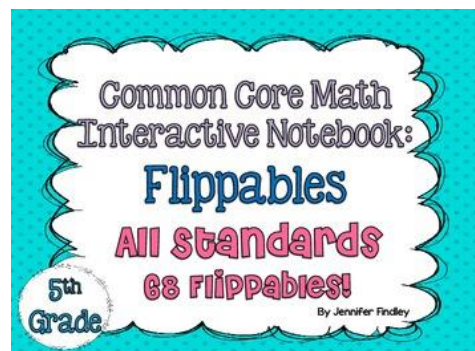
By Jennifer Findley

Word problems are huge in Common Core and students need to be prepared to not only solve them, but to show and prove their thinking. I created this resource to help my students meet this requirement. Have the student cut and glue the word problem paper (2 to a page) to their notebook. Depending on the size of the notebook, you may have to print the pages at 80% to have them fit on the page. They write the answer or solution on the word problem paper and then show their work, explain their thinking or prove their answer underneath the word problem on their notebook paper.



For more Interactive Word Problems aligned to Common Core, click on the images to the left.

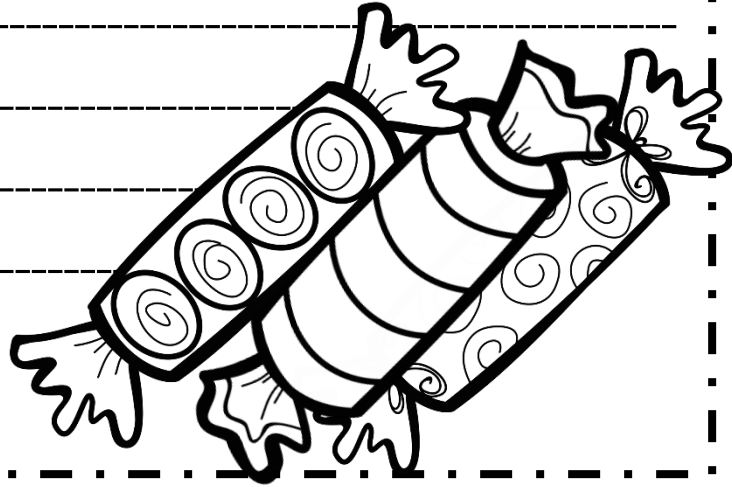
For affordable, no-fuss flippables (perfect for beginning interactive notebook users) click on the images below.



Two machines at a candy factory package the same type of candy. One machine packages 796 pieces, while the other packages 816 pieces. The candy is then packed into larger packs of 8 each. How many packs of 8 will be made from the candy produced from both machines?

Solution: \_\_\_\_\_

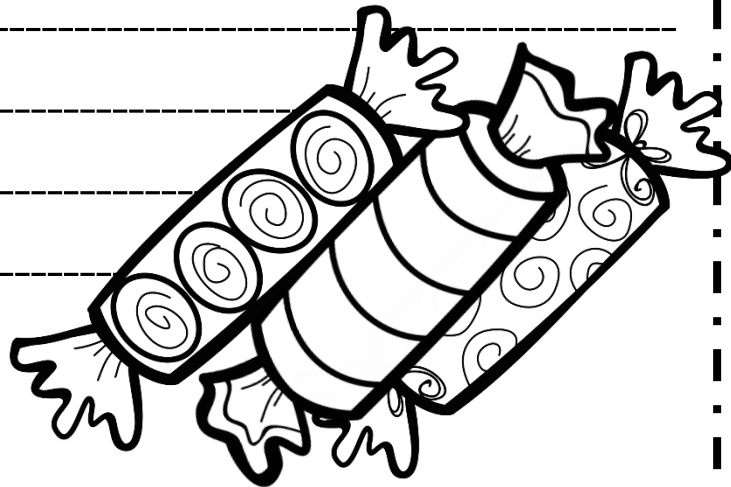
Explain your answer with an equation, model or written explanation in your notebook.



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Solution: The factory will be able to make 201 packs of eight pieces.

There will be 4 pieces of candy leftover.

Explain your answer with an equation, model or written explanation in your notebook.



Step 1: I need to add 796 and 816 to determine the total pieces of candy.

$$\begin{array}{r} 796 \\ + 816 \\ \hline \end{array}$$

1,612 total pieces of candy

Step 2: I need to divide the total pieces of candy into groups of 8.

$$\begin{array}{r} 201 \text{ r } 4 \\ 8 \overline{) 1612} \\ \underline{-1600} \quad 200 \\ \quad 12 \\ \underline{-8} \quad 4 \end{array}$$

201 packs with 4 pieces leftover

Mr. Hernandez worked for 8 hours a day for 24 days building an addition onto his client's house. He was paid \$22 an hour for his work. How much did Mr. Hernandez get paid for building the addition?

Solution: \_\_\_\_\_



Explain your answer with an equation, model or written explanation in your notebook.

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Solution: \_\_\_\_\_



Explain your answer with an equation, model or written explanation in your notebook.

An apple farm has fifteen barrels of apples ready to send to their market. Each barrel contains 76 apples. They send 589 apples to their market. How many apples are left at the apple farm?

Solution: \_\_\_\_\_

Explain your answer with an equation, model or written explanation in your notebook.



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Solution: \_\_\_\_\_

Explain your answer with an equation, model or written explanation in your notebook.



Jakayla reads 18 pages of her book on Monday, 36 pages on Tuesday, 42 pages on Wednesday, and 88 pages of Thursday. Neil reads four times as many pages as Jakayla's total. How many pages did Neil read?

Solution: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Explain your answer with an equation, model or written explanation in your notebook.



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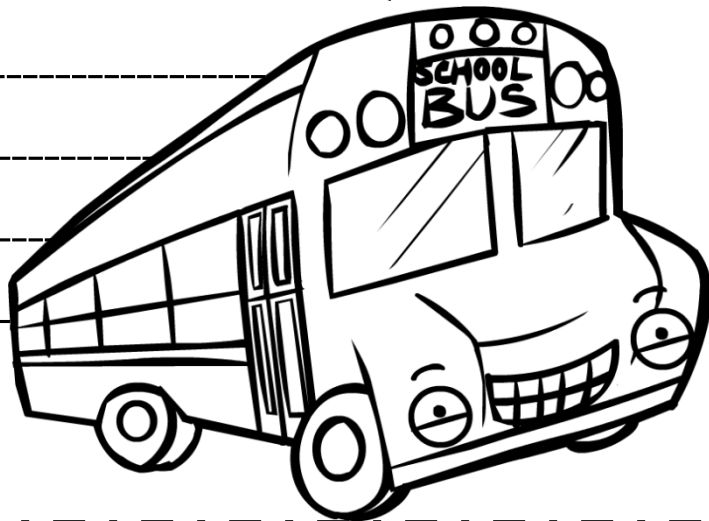
Fifth graders from Jonesborough Elementary School are taking their annual field trip. A total of 216 5<sup>th</sup> graders and 48 adults are going on the trip and need to be transported. One school bus can hold 56 people. How many buses will be needed for everyone?

Solution: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Explain your answer with an equation, model or written explanation in your notebook.



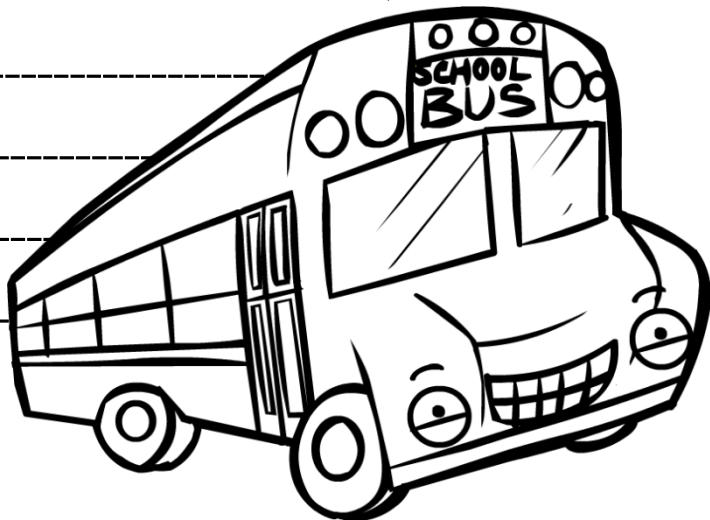
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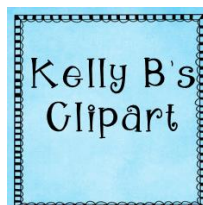
# ANSWER KEY

1. 201 packs
2. \$4,224
3. 551 apples
4. 736 pages
5. 5 buses

If you like this resource, make sure you check out my other Common Core Aligned Resources.



Follow my blog for updates and freebies.



Thanks!  
Jennifer Findley

