

PHONICS-FOCUSED MATH PROBLEMS

cvc-e words

READ the story. Highlight the a_e words.

Brave Gale

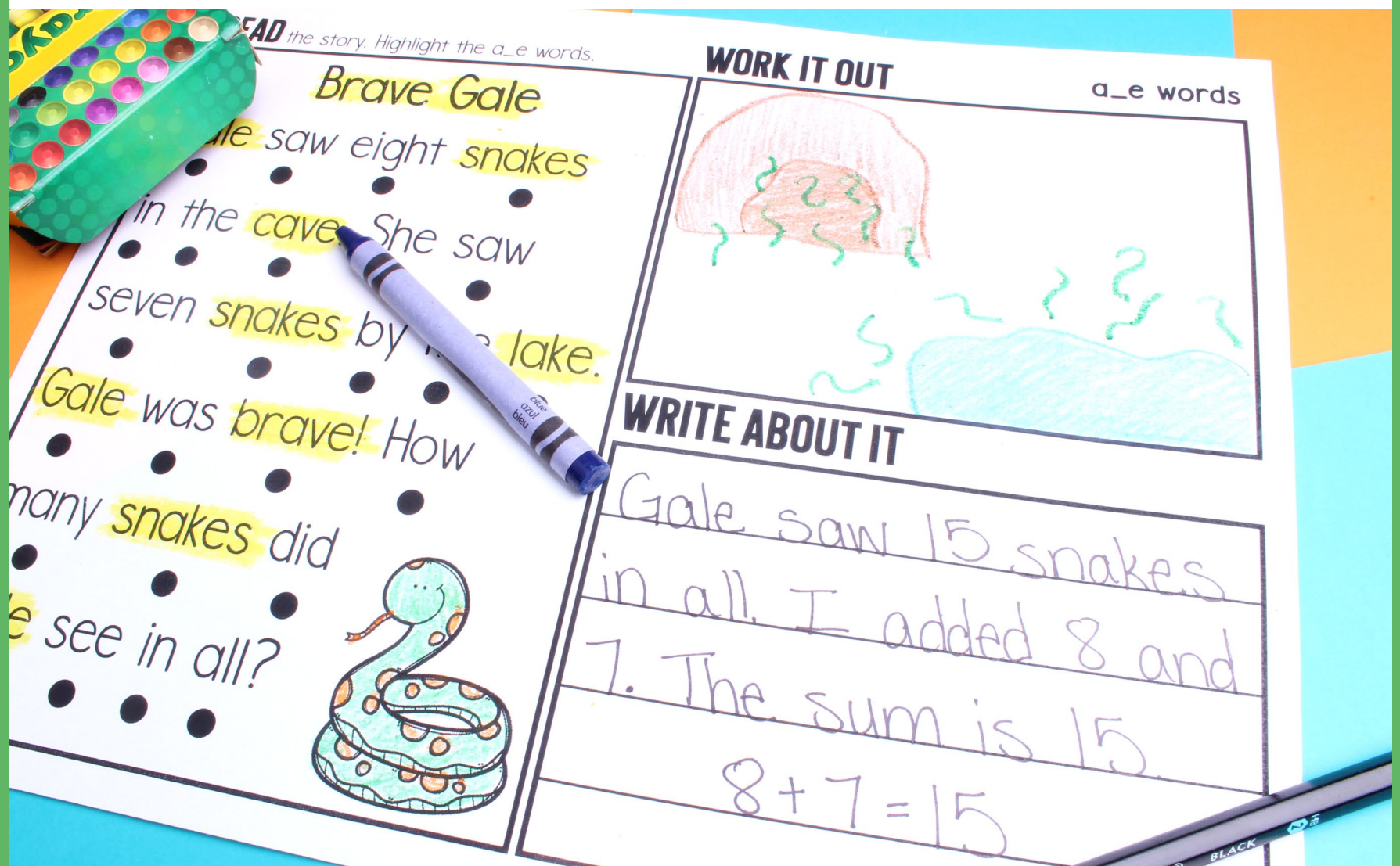
Gale saw eight snakes
in the cave. She saw
seven snakes by the lake.
Gale was brave! How
many snakes did
she see in all?

WORK IT OUT

a_e words

WRITE ABOUT IT

Gale saw 15 snakes
in all. I added 8 and
7. The sum is 15.
 $8 + 7 = 15$



ABOUT THIS RESOURCE

This resource was created to help young mathematicians AND beginning readers practice mathematical problem-solving skills. Each of the 20 story problems has been written to help students practice decoding skills, with a focus on short vowels. So often, our young students are capable of solving mathematical word problems, but it is the text complexity that holds them back or decreases their confidence. This resource will help students who are working on cvc-e vowels have equitable access to story problem texts on their reading level. Furthermore, it helps teachers integrate reading and math skills within the classroom!

You will notice that the math problem pages are set up in a simple format. Students will read the story and highlight the words that include the phonics skill. There is a simple empty box in which students can work out the problem. The work space is left blank in order to encourage students to work out the problem in any way that best suits them. Students can draw pictures, draw base-ten blocks, write number sentences, use manipulatives within the box, etc. A space for students to write about their math work is also included. As the teacher, you can use this space as you wish. For example, you may want students to write their answers in complete sentences or simply write about the process or strategies they chose to use in order to solve the problem.

By NOT having students follow a sequence of problem-solving steps, we encourage our students to be **mathematical risk takers**. This resource is designed to help beginning readers have access to the text, think critically about what each problem is truly asking of them, and use a variety of strategies to best solve each problem. I hope you and your students enjoy this resource!

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PROMOTE FLEXIBILITY AND MATHEMATICAL RISK TAKING

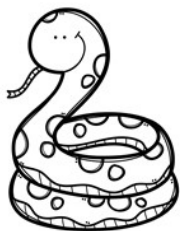
Phonics-Focused Story Problems! Students will read and highlight the focus phonics skill. Easily integrate reading and math!

An empty work box allows students to use **flexible problem-solving strategies** as they work through the problem using pictures, manipulatives, number sentences, etc.

READ the story. Highlight the a_e words.

Brave Gale

Gale saw eight snakes
in the cave. She saw
seven snakes by the lake.
Gale was brave! How
many snakes did
Gale see in all?



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WORK IT OUT

a_e words

WRITE ABOUT IT

Teachers may use the writing space in a variety of ways. Students can write the answers in complete sentences, explain how they solved the problem, etc.

INTEGRATE PHONICS SKILLS AND MATH!

READ the story. Highlight the i_e words.

Lime Drink

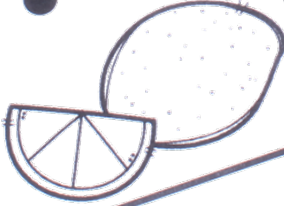
It is a hot day! Mike will
make a nice lime drink.
He puts in eight little
limes and nine big limes.
How many limes are in
Mike's drink?

WORK IT OUT

i_e words

WRITE ABOUT IT

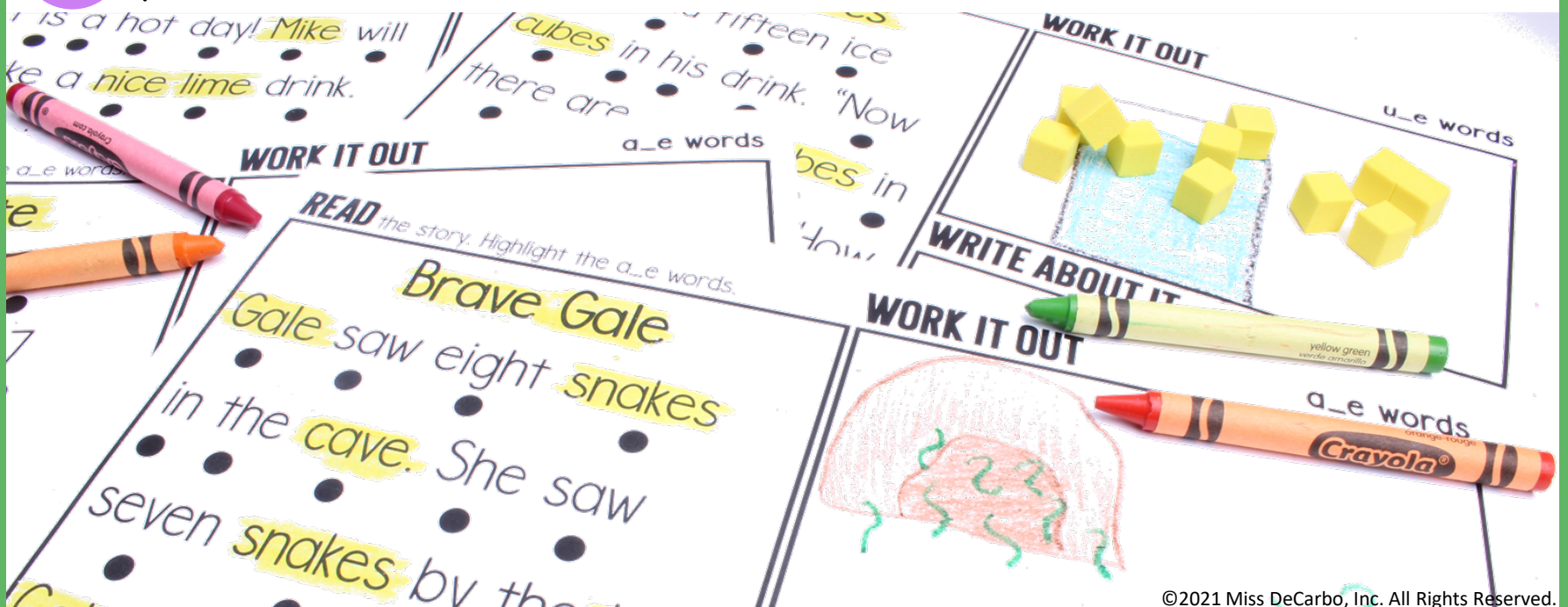
There are 17 limes
in Mike's drink. I
added the little limes and
the big limes together.
 $8 + 9 = 17$



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WHAT IS INCLUDED?

- ideas for use and student example photographs
- 5 long a cvc-e math problems
- 5 long i cvc-e problems
- 5 long o cvc-e math problems
- 5 long u cvc-e math problems
- problems with numerals instead of number words



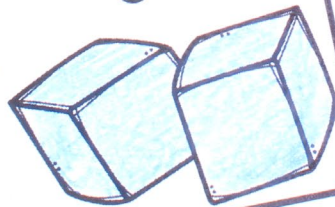
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20 PHONICS-FOCUSED STORY PROBLEMS

READ the story. Highlight the u_e words.

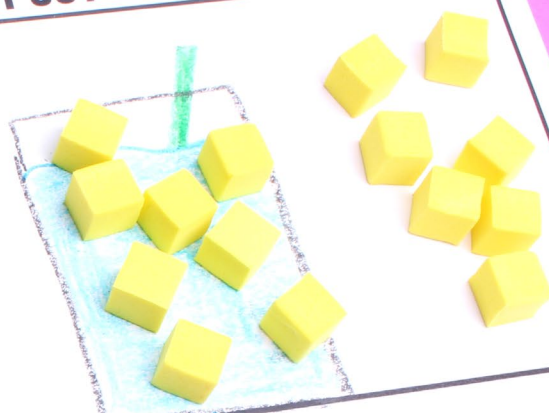
Ice Cubes

Luke had fifteen ice cubes in his drink. "Now there are eight cubes in my drink!" Luke said. How many ice cubes melted in Luke's drink?



WORK IT OUT

u_e words



WRITE ABOUT IT

7 cubes melted in
Luke's drink. I
subtracted 8 from 15.
 $15 - 8 = 7$

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IDEAS FOR USE:

- integrated math and phonics practice
- small-group math lessons
- independent math practice
- math centers
- math intervention, practice, or reteaching
- homework
- integrated math and literacy centers



THANK YOU



for choosing a Miss DeCarbo educational resource




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ABOUT MISS DECARBO

Christina DeCarbo-Wagers is an elementary teacher from Northeast Ohio. She holds a Bachelor's degree in Early Childhood Education, a Master's degree in Elementary Literacy, and a specialized K-12 reading endorsement. Christina has experience in instructional consulting, literacy coaching, and professional development services. Over the course of her career, she has presented literacy workshops and professional development sessions for Staff Development of Educators, ASCD, and state and local educational conferences. Christina has also provided extensive services and trainings for school districts and educational service centers across the state of Ohio.

Christina is passionate about helping students reach their greatest potential as readers and writers. Her engaging resources are based on developmentally-appropriate research and are founded in the importance of critical thinking, creativity, and problem-solving skills for young learners. Her educational company, Miss DeCarbo, Inc., was founded in 2012 and provides educators with curriculum, ideas, research-based advice, and inspiration. You can learn more about Miss DeCarbo by visiting her website, www.missdecarbo.com.



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