

Computational Fluency A Grade 3+

Names: _____ Date: _____

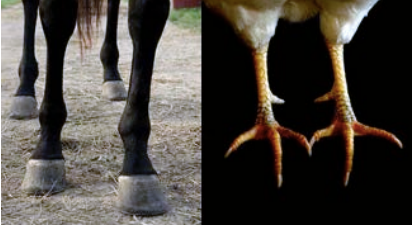
Collaborative Task

Create two different stories that the equation $5 + \square = 9$ could describe and tell how you would solve the equation.

Computational Fluency A (Addition and Subtraction) Grade 3+

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| Assessment Question: | Reflections | | |
|---|-------------------------------------|-------------------------------------|--|
| <p>1. Barnyard Legs</p> <p>I counted 18 legs in the barnyard.</p> <p>Some belonged to horses and some belonged to chickens. How many horses and chickens might have been in the barnyard? Show different ways to solve and explain your thinking.</p>  | | | |
| <p>2. What is the best way to estimate $88 + 61$? Circle and describe why you chose that equation.</p> <p>$80 + 60 = \underline{\quad}$ $80 + 70 = \underline{\quad}$</p> <p>$90 + 60 = \underline{\quad}$ $90 + 70 = \underline{\quad}$</p> <p>What equation would help you estimate $67 - 29 = \underline{\quad}$?</p> | | | |
| <p>3. Solve the following question using two different strategies:</p> <p style="text-align: center;">$12 - 7 =$</p> <p>Explain your strategies using pictures, words, and/or numbers and symbols.</p> <table border="1" data-bbox="142 1587 1260 1835"><tr><td data-bbox="142 1587 691 1835">One way I solved the question:</td><td data-bbox="691 1587 1260 1835">A second way I solved the question:</td></tr></table> | One way I solved the question: | A second way I solved the question: | |
| One way I solved the question: | A second way I solved the question: | | |

4. Solve the following questions. Explain your strategies using pictures, words, and/or numbers and symbols.

$$26 + 37$$

Make a reasonable estimate:

Now solve and show your thinking below.

$$126 + 237$$

Make a reasonable estimate:

Now solve and show your thinking below.

5. Solve the following questions. Explain your strategies using pictures, words, and/or numbers and symbols.

$$62 - 23$$

Make a reasonable estimate:

Now solve and show your thinking below.

$$562 - 423$$

Make a reasonable estimate:

Now solve and show your thinking below.

6. Do you think it is easier to add $43 + 47$ or $34 + 47$? Why?

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Performance Task

1. Use manipulatives to create and act out a subtraction problem/story.

In the space below draw a picture to show your subtraction problem/story. Use pictures, numbers and words to represent your thinking.

2. Make up **three** addition and **three** subtraction equations where there is a 2, a 3, and a 4, somewhere in the question or the answer.

Choose one of your equations and write a story problem.

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Performance Task

How many dots do you notice? Draw and share your thinking. Include a number sentence (equation) to match your thinking.

