

## 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+

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

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 <math>88 + 61</math>? Circle and describe why you chose that equation.</p> <p><math>80 + 60 = \underline{\quad}</math>                      <math>80 + 70 = \underline{\quad}</math></p> <p><math>90 + 60 = \underline{\quad}</math>                      <math>90 + 70 = \underline{\quad}</math></p> <p>What equation would help you estimate <math>67 - 29 = \underline{\quad}</math> ?</p>			
<p>3. Solve the following question using two different strategies:</p> <p style="text-align: center;"><math>12 - 7 =</math></p> <p>Explain your strategies using pictures, words, and/or numbers and symbols.</p> <table border="1" data-bbox="139 1585 1258 1833"><tr><td data-bbox="139 1585 690 1833">One way I solved the question:</td><td data-bbox="690 1585 1258 1833">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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Name: \_\_\_\_\_ Date: \_\_\_\_\_

### 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.

# Computational Fluency A Grade 3+

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

## Performance Task

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

