

# Mathematics CFA Template

## Pre-Instruction

1. List the Standard. Underline the nouns (what students will know) and highlight the verbs (what student will do):

1NBT4—**Add** within 100, including **adding** a two-digit number and a one-digit number, and **adding** a two-digit number and a multiple of 10, **using** concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction ; **relate** the strategy to a written method and **explain** the reasoning used. **Understand** that in **adding** two-digit numbers, one **adds** tens and tens, ones and ones, and sometimes it is necessary to **compose** a ten.

2. Mathematical Practices

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

3. I Can Statements – Put learning targets in student friendly terms.

I can add a two-digit number and a one-digit number within 100 and explain the strategy I used. (Level 2)  
I can add a two-digit number and a multiple of ten within 100 and explain the strategy I used. (Level 2)

Depth of Knowledge of the standard (Highlight the Level of the Learning Target):

Level 1 Recall; Level 2 – Skill/Concept; Level 3 – Strategic Thinking; Level 4 – Extended Thinking

4. List the skills students need to know in order to begin this standard:

1. Understand number sense
2. Understand place value
3. Understand addition and subtraction to 10

5. What type of assessment am I going to write? [selected response (m/c, t/f, y/n, matching, fill in \_\_\_) **or** constructed response (**short**: word, phrase, sentence, single problem; **extended**: multi-step operations in math, problem solving)] List the assessment questions.

Assessment 1: Constructed Response

Solve the problems. Explain your answer using numbers, pictures, and/or words.

- (A). Sam has 36 pennies. His mom gives him 3 more. How many pennies does Sam have now?  
(B). Leza had 72 M and M's. Her friend has 7 M and M's. How many M and M's do they have altogether?  
(c). The firefighter fought 17 fires on Monday and 5 on Tuesday. How many fires did the firefighters fight ?

Assessment 2: Constructed Response

Solve the problems. Explain your answer using numbers, pictures, and/or words.

- (A). Sponge Bob made 32 krabby patties. Mr. Krabs asked him to make 20 more. How many krabby patties did Sponge Bob make?  
(B). Mrs. Douglas' class ran 42 laps. Mrs. McCorkle's class ran 40 laps. How many laps did they run in all?  
(C). There were 56 kids swimming at the water park in the morning. 30 more children came that afternoon. How many children were at the water park that day?

6. Scoring Guide

**Exceeds Expectations:** 3 correct answers with more than 1 explanation for each answer.

**Proficient:** 3 correct answers with correct explanations

**Approaching Proficiency:** 2 correct answer with correct explanation

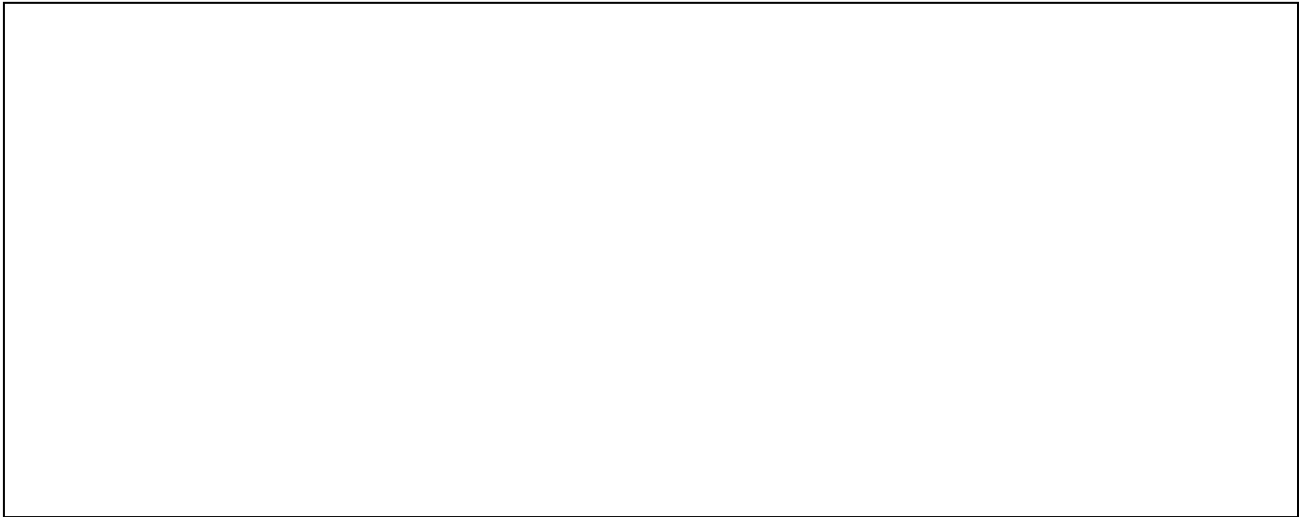
**Not Proficient:** 1 correct answer with correct explanation

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

Power Standard: 1.NBT.4

Directions: Solve the problems. Explain your answer using numbers, pictures, and/or words.

1. Sam has 36 pennies. His mom gives him 3 more. How many pennies does Sam have now?



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