

Mathematics CFA Template

Pre-Instruction

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

K.CC.6 **Identify** whether the number of objects in one group is **greater than, less than, or equal** to the number of objects in another group, e.g., by using matching and counting strategies.

2. Mathematical Practices

1. Make sense of the problem and persevere.
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.

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

I can tell when the number of objects in a group is greater than the number of objects in another group.
I can tell when the number of objects in a group is less than the number of objects in another group.
I can tell when the number of objects in two groups is equal.

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:

Students need to be able to count.
Students need to understand the terms: greater than, less than, equal to.
Students need to understand one-to-one correspondence.

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.

1. Draw a group of objects that is greater than the group of circles.
 2. Draw a group of objects that is less than the group of circles.
 3. Draw a group of objects that is equal to the group of circles.
- *These questions will be a constructed response assessment, such as open response.

6. Scoring Guide

Exceeds Expectations: Students will draw more than one correct group for each answer.

Proficient: Students will draw all groups correctly.

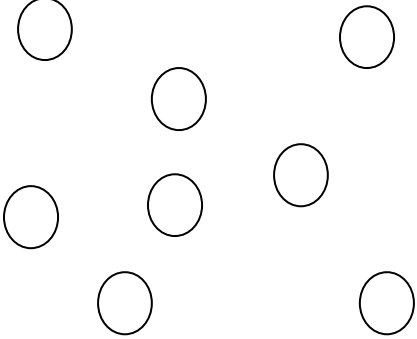
Approaching Proficiency: Students will draw 2 groups correctly.

Not Proficient: Students will draw only 1 group correctly.

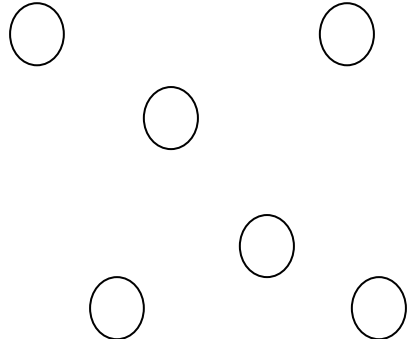
Name: _____

K.CC.6 Constructed Response

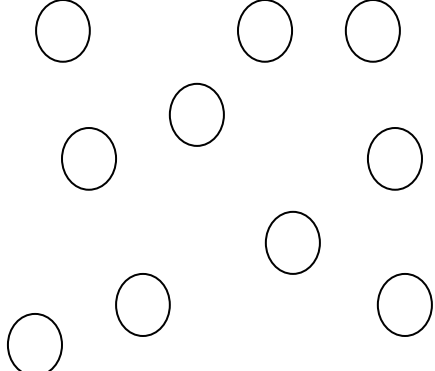
1. Draw a group of objects that **is greater** than the group of circles.

	<p>Draw Here:</p>
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2. Draw a group of objects that **is less** than the group of circles.

	<p>Draw Here:</p>
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3. Draw a group of objects that **is equal** to the group of circles.

	<p>Draw Here:</p>
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