

CCSS Mathematics Assessment Task

Make 10 with a Tens Frame

Grade Level: Kindergarten

Mathematics Domain and Cluster:

Domain: Operations and Algebraic Thinking

Cluster: Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

Common Core standard(s) being assessed (if the task is intended to assess only one part of the standard, underline that part of the standard):

K.OA.4: For any number from 1 to 9, find the number that makes 10 when added to the given number, e.g., by using objects or drawings, and record the answer with a drawing or equation.

Student Materials:

- Make 10 with a Tens Frame Assessment
- Pencils

Teacher Materials:

- None

Directions (for teacher to administer assessment task):

- Pass out the Make 10 with Tens Frame Assessment.

Prompt:

Say: **Today you are going to use the Tens Frame to complete the addition sentences to make 10. Fill in the missing numbers to make the number 10.**

$$4 + \underline{6} = 10$$

$$5 + \underline{5} = 10$$

$$\underline{1} + 9 = 10$$

$$8 + \underline{2} = 10$$

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$$7 + \underline{3} = 10$$

$$\underline{4} + 6 = 10$$

$$9 + \underline{1} = 10$$

$$\underline{8} + 2 = 10$$

Scoring Guide or Rubric:

Scoring Guide/Rubric (a score should be awarded for each criterion below)

Criteria (CCSS code)	0 points	1 Point	2 Point
For any number from 1 to 9, find the number that makes 10 when added to the given number. (K.OA.4)	Student accurately finds the number that makes 10 in 0-2 opportunities.	Student accurately finds the number that makes 10 in 3-7 opportunities.	Student accurately finds the number that makes 10 in all 8 opportunities.

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Name _____

Date _____

Make 10 with Tens Frames

Problem:

Fill in the missing numbers to make 10.

$$4 + \underline{\hspace{2cm}} = 10$$

$$5 + \underline{\hspace{2cm}} = 10$$

$$\underline{\hspace{2cm}} + 9 = 10$$

$$8 + \underline{\hspace{2cm}} = 10$$

$$7 + \underline{\hspace{2cm}} = 10$$

$$\underline{\hspace{2cm}} + 6 = 10$$

$$9 + \underline{\hspace{2cm}} = 10$$

$$\underline{\hspace{2cm}} + 2 = 10$$

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Scoring Guide or Rubric:

Scoring Guide/Rubric (a score should be awarded for each criterion below)

Criteria (CCSS code)	0 points	1 Point	2 Point
For any number from 1 to 9, find the number that makes 10 when added to the given number. (K.OA.4)	Student accurately finds the number that makes 10 in 0-2 opportunities.	Student accurately finds the number that makes 10 in 3-7 opportunities.	Student accurately finds the number that makes 10 in all 8 opportunities.