EngageNY Tasks: Standards Card Sort

Directions: Print and cut out the cards (if possible, print on cardstock).
Make one set of these cards for every 4 participants.

Read aloud to students: "4 silly seals were splashing in the water. Show the silly seals with your linking cubes. 2 more silly seals came to splash. Show the new seals. How many silly seals are splashing in the water now?" Use your cubes, and talk to your partner about the seals. Can you write about the silly seals in a number bond?	K.OA.A.1 Represent addition and subtraction with objects, fingers, mental images, drawings[2], sounds (e.g., claps), acting out situations, verbal explanations, expressions, or equations. [2] Drawings need not show details, but should show the mathematics in the problem. (This applies wherever drawings are mentioned in the Standards.)

Look at the following equation: $4 + 9 + ___ = 14$ What is the missing number? Use drawings, numbers, and words to explain how you found the missing number.	1.OA.C.6 Add and subtract within 20, demonstrating fluency for addition and subtraction within 10. Use mental strategies such as counting on; making ten (e.g., 8 + 6 = 8 + 2 + 4 = 10 + 4 = 14); decomposing a number leading to a ten (e.g., 13 – 4 = 13 – 3 – 1 = 10 – 1 = 9); using the relationship between addition and subtraction (e.g., knowing that 8 + 4 = 12, one knows 12 – 8 = 4); and creating equivalent but easier or known sums (e.g., adding 6 + 7 by creating the known equivalent 6 + 6 + 1 = 12 + 1 = 13).

The teacher has 48 folders. She gives 6 folders to the first table. How many folders does she have now? Solve with a drawing, a number sentence, and a statement of the answer.	2.OA.A.1 Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.

Robbie sees that a carton of eggs shows an array with 2 rows of 6 eggs. What is the total number of eggs in the carton? Draw a picture and write an equation that shows 2 rows of 6 and then solve.	3.OA.A.1 Interpret products of whole numbers, e.g., interpret 5×7 as the total number of objects in 5 groups of 7 objects each. For example, describe a context in which a total number of objects can be expressed as 5×7.

Look at the following equation: $____ \times ____ = 36$ Find all the possible factor pairs that would make the equation true.	4.OA.B.4a Using whole numbers in the range 1–100, a) Find all factor pairs for a given whole number

Gwen is 2 years older than 3 times her sister's age. Her sister is 11. Write a numerical expression that you could use to solve this problem.	5.OA.A.2 Write simple expressions that record calculations with whole numbers, fractions, and decimals, and interpret numerical expressions without evaluating them. *For example, express the calculation "add 8 and 7, then multiply by 2" as 2 × (8 + 7). Recognize that 3 x (18,932 + 9.21) is three times as large as 18,932 + 9.21, without having to calculate the indicated sum or product.*