Grade 1 Module 3 Application Problems

EngageNY & Eureka Math Grade 1 Module 3

Application Problems

(1.OA.1*, 1.MD.1*, 1.MD.2*, 1.MD.4$)

<u>Directions to the teacher:</u>
- Don't print this cover sheet. Only print the remaining pages.
- Each student will receive all the application problems in a single packet. Staple one of the lower corners...not the top corner.
- Each day, students will cut off the next application problem and glue into their math journal.

F Fluency Standard, * Major standard, $ Supporting standard, @ Additional standard

Grade 1 Module 3 Application Problems

Lesson	Problem
3.1	Nigel and Corey each have new pencils that are the same length. Corey uses his pencil so much that he needs to sharpen it several times. Nigel doesn't use his at all. Nigel and Corey compare pencils. Whose pencil is longer?
3.2	Jordan has 3 stuffed animals: a giraffe, a bear, and a monkey. The giraffe is longer than the monkey. The bear is shorter than the monkey. Sketch the animals from shortest to longest.
3.3	Draw a picture to match each of these two sentences: The book is longer than the index card. The book is shorter than the folder. Which is longer, the index card or the folder?
3.4	Joe ran a string from his room to his sister's room to measure the distance between them. When he tried to use the same string to measure the distance from his room to his brother's room, the string didn't reach! Which room was closer to Joe's room, his sister's or his brother's?
3.5	Amy used centimeter cubes to measure the length of her book. She used 8 yellow centimeter cubes and 4 red centimeter cubes. How many centimeter cubes long was her book?
3.6	Julia's lollipop is 15 centimeters long. She measured the lollipop with 9 red centimeter cubes and some blue centimeter cubes. How many blue centimeter cubes did she use?
3.7	When Corey measures his new pencil, he uses 19 centimeter cubes. After he sharpens it, he needs 4 fewer centimeter cubes. How long is Corey's pencil after he sharpens it? Use centimeter cubes to solve the problem.
3.8	Each crayon is 9 centimeter cubes long. The paintbrush is the same length as 2 crayons. How many centimeter cubes long is the paintbrush? Use centimeter cubes to solve the problem.

Grade 1 Module 3 Application Problems

3.9	Corey buys a super-cool, extra-long crayon that is 14 centimeters long. His regular crayon is 9 centimeters long. Use centimeter cubes to decide how much longer Corey's new crayon is than his regular crayon.
3.10	There were 14 items on the table to measure. I already measured 5 of them. How many more items are there to measure?
3.11	Larry asked his friends whether dogs or cats are smarter. Nine of his friends think dogs are smarter and 6 think cats are smarter. Make a table to show Larry's data collection. How many friends did he ask?
3.12	Kingston's class took a trip to the zoo. He collected data about his favorite African animals. He saw 2 lions, 11 gorillas, and 7 zebras. What does his table look like? Write one question your classmate can answer by looking at the table.
3.13	Zoe wanted to make a friendship necklace for her closest friends. Make a graph to show the two colors of beads she used. She used 8 green beads for Lily, 4 purple beads for Jamilah, and 12 green beads for Sage. How many green beads did she use?