

## Grade 1 Module 1 Application Problems

# EngageNY & Eureka Math Grade 1 Module 1 Application Problems

(1.OA.1\*, 1.OA.3\*, 1.OA.4\*, 1.OA.5\*, 1.OA.6<sup>F</sup>\*, 1.OA.7\*, 1.OA.8\*)

### **Directions to the teacher:**

- 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.

<sup>F</sup> Fluency Standard, \* Major standard, <sup>\$</sup> Supporting standard, @ Additional standard

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Lesson	Problem
1.1	Dora found 5 leaves that blew in through the window. Then she found 2 more leaves that blew in. Draw a picture and use numbers to show how many leaves Dora found in all.
1.2	Bella spilled some pencils on the carpet. Geno came over to help her pick them up. Geno found 5 pencils under the desk and Bella found 4 by the door. How many pencils did they find together?
1.3	Alex had 9 marbles in his hand. He hid his hands behind his back and put some in one hand and some in the other. How many marbles might be in each hand?
1.4	Our class had 4 pumpkins. On Monday, Marta brought 1 more pumpkin. How many pumpkins did our class have? On Tuesday, Beto brought 1 more pumpkin. How many pumpkins did our class have on Tuesday? Then on Wednesday, Shea brought 1 more pumpkin. How many pumpkins did our class have on Wednesday?
1.5	Marcus had 6 pieces of candy. He decided to give some to his mother and keep some for himself. Use pictures and numbers to show 2 ways that Marcus could have split up 6 pieces of his candy.
1.6	Tom has 4 red cars and 3 green cars. Dave has 5 red cars and 2 green cars. Dave thinks he has more cars than Tom has. Is Dave right?
1.7	Jenny has 8 flowers in a vase. The flowers come in two different colors. Draw a picture to show what the vase of flowers might look like.
1.8	Rayden received 9 stickers at school. He received 5 stickers in the morning. How many stickers did he receive in the afternoon?

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1.9	Kira was making a number bracelet with a total of 10 beads on it. She put on 3 red beads so far. How many more beads does she need to add to the bracelet?
1.10	The class is collecting canned food to help those in need. The teacher brings in 3 cans to start the collection. On Monday, Becky brings in 2 cans. On Tuesday, Talia brings in 2 cans. On Wednesday, Brendan brings in 2 cans. How many cans were there after each day? What do you notice about what happened each day?
1.11	There are 8 children in the afterschool cooking club. How many boys and how many girls might be in the class?
1.12	Tanya has 7 books on her shelf. She borrowed some books from the library and now there are 9 books on her shelf. How many books did she get at the library? Draw a box around the mystery number in your number sentence.
1.13	Sammi had 6 bunnies. One of them had babies. Now she has 10 bunnies. How many babies were born?
1.14	Beth went apple picking. She picked 7 apples and put them in her basket. 2 more apples fell out of the tree right into her basket! How many apples does she have in her her basket now?
1.15	Joshua and Rebecca were eating raisins. Joshua had 7 raisins and took 2 more from the box. Rebecca had 9 raisins and took 2 more from the box. Who had a greater number of raisins, Joshua or Rebecca?
1.16	Finn knocked over some bowling pins and 7 were will standing. How many did he knock over? Use a simple math drawing to show what you did to solve. Write a number sentence with a box to show the mystery or unknown number.
1.17	There are 10 swings on the playground, and 7 students are using the swings. How many swings are empty? Use a sentence to answer today's question.

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1.18	Dylan has 4 cats and 2 dogs at home. Laura has 1 dog and 5 fish at home. Laura says she and Dylan have an equal number of pets. Dylan thinks he has more pets than Laura. Who is right?
1.19	Dylan has 4 cats and 2 dogs at home. Sammy has 1 mama bunny and 6 baby bunnies at home. Draw two number bonds showing the total number of pets of each household.

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1.20	<p>Laura had 5 fish. Her mother gave her 1 more. Laura's brother Frank had 1 fish. Their mother gave Frank 5 more. Laura cried, "That's not fair! He has more fish than I do!"</p> <p>Use number bonds and a number sentence to show that it is fair.</p>
1.21	<p>Jordan is holding a container with 3 pencils. His teacher gives him 4 more pencils for the container. How many pencils will be in the container?</p>
1.22	<p>May and Kay are twins. Whatever May has, Kay has it, too. May has 2 dolls. How many dolls do May and Kay have together? May has 3 stuffed animals. How many stuffed animals do they have together?</p>
1.23	<p>John has 3 stickers. Mark has 4 stickers. Anna has 5 stickers. They each get two more stickers. How many do they each have now?</p>
1.24	<p>The teacher told Henry to get 8 linking cubes. Henry took 4 blue cubes and 3 red cubes. Does Henry have the correct amount of linking cubes?</p>
1.25	<p>Taylor and her sister Reilly each got 4 books from the library. Then Reilly went back in and checked out another book. How many books do Taylor and Reilly have together?</p>
1.26	<p>There were 5 students in the cafeteria. Some more students came in late. Now there are 7 students in the cafeteria. How many students came in late? Write a number bond to match the story. Write an addition sentence and a subtraction sentence to show two ways to solve the problem. Draw a rectangle around the unknown number that you found.</p>
1.27	<p>Marcus has 9 strawberries. Six of them are small; the rest are big. How many strawberries are big? Fill in your template. Circle the mystery, or unknown number, in your number sentences and write a statement to answer the question.</p>
1.28	<p>8 ducks are swimming in the pond. 4 ducks fly away. How many ducks are still swimming in the pond? Draw a number path to prove your answer.</p>
1.29	<p>Lucas has 9 pencils for school. He lends 4 of them to his friends. How many pencils does Lucas have left? Box the solution in your number sentence.</p>

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1.30	Freddie has 10 action figures in his pocket. 5 of them are good guys. How many of his action figures are bad guys? Box the solution in your number sentence. Circle the part that is good guys to show you have the correct number of bad guys.
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Lesson	Problem
1.31	Shanika saw 5 pigeons on the roof. Some more pigeons flew onto the roof. She then counted 8 pigeons. How many pigeons flew over? Write a number bond and both addition and subtraction number sentences to match the story. Box the solution in your number sentence.
1.32	There are 8 juice boxes in the cubbies. Some children drank their juice. Now there are only 5 juice boxes. How many juice boxes were taken from the cubbies?
1.33	9 children are playing outside. 1 child is on the swings and the rest are playing tag. How many children are playing tag?
1.34	83 beads spill on the floor. A student picks up 1 bead. How many beads are still on the floor?
1.35	The teacher spilled 18 beads on the floor today. A student picked up 17 of the beads. How many beads are still left on the floor?
1.36	There are 10 beads on the floor. There is the same number of red beads as white beads. A student picks up the white beads. How many beads are still on the floor? Write a number bond, number sentence, and a statement to share your solution. Make a math drawing to show how you know.
1.37	There are 10 beads on the floor. A student picked up some of the beads and left some on the floor. Write a number bond and a number sentence that would match this story.
1.38	Jessie and Carl were comparing the beads they picked up. Jessie picked up 9 beads, 5 of them were red and the rest were white. Carl picked up 5 red beads and 4 white beads. Carl said they had the same amount of white beads. Is Carl correct?



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1.39	John has 10 pencils. Mark has 9 pencils. Anna has 8 pencils. They each lost two of their pencils. How many do they each have now?
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