

Grade 2 Module 5 Application Problems

EngageNY & Eureka Math Grade 2 Module 5 Application Problems

(2.NBT.7*, 2.NBT.8*, 2.NBT.9*)

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.

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Lesson	Problem
1	<p>The shelter rescued 27 kittens in June. In July, it rescued 11 more. In August, it rescued 40 more.</p> <p>How many kittens did the shelter rescue during those 3 months?</p> <p>If 64 of those kittens found homes by August, how many still needed homes?</p>
2	<p>Max has 42 marbles in his marble bag after he added 20 marbles at noon. How many marbles did he have before noon?</p>
3	<p>A children's library sold 27 donated books. Now they have 48. How many books were there to begin with?</p>
4	<p>Diane needs 65 craft sticks to make a gift box. She only has 48. How many more craft sticks does she need?</p>
5	<p>Jenny had 39 collectible cards in her collection. Tammy gave her 36 more. How many collectible cards does Jenny have now?</p>
6	<p>Maria made 60 cupcakes for the school bake sale. She sold 28 cupcakes on the first day. How many cupcakes did she have left?</p>
7	<p>Jeannie got a pedometer to count her steps. The first hour, she walked 43 steps. The next hour, she walked 48 steps.</p> <p>a. How many steps did she walk in the first two hours?</p> <p>b. How many more steps did she walk in the second hour than in the first?</p>
8	<p>Susan has 37 pennies.</p> <p>M.J. has 55 pennies more than Susan.</p> <p>a. How many pennies does M.J. have?</p>

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	b. How many pennies do they have altogether?
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9	<p>The table to the right represents the halftime score at a basketball game.</p> <p>The red team scored 19 points in the second half.</p> <p>The yellow team scored 13 points in the second half.</p> <p>a. Who won the game?</p> <p>b. By how much did that team win?</p>
10	<p>Benjie has 36 crayons. Ana has 12 fewer crayons than Benjie.</p> <p>a. How many crayons does Ana have?</p> <p>b. How many crayons do they have altogether?</p>
11	<p>Mr. Arnold has a box of pencils. He passes out 27 pencils and has 45 left. How many pencils did Mr. Arnold have in the beginning?</p>
12	none
13	<p>A fruit seller buys a carton of 90 apples.</p> <p>Finding that 18 of them are rotten, he throws them away. He sells 22 of the ones that are left on Monday. How many apples does he have left to sell?</p>
14	<p>Brienne has 23 fewer pennies than Alonzo. Alonzo has 45 pennies.</p> <p>a. How many pennies does Brienne have?</p> <p>b. How many pennies do Alonzo and Brienne have altogether?</p>
15	<p>Catriona earned 16 more stickers than Peter. She earned 35 stickers. How many stickers did Peter earn?</p> <p>MaryJo earned 47 stickers. How many more does Peter need to have the same amount as MaryJo?</p>
16	<p>Will read 15 more pages than Marcy. Marcy read 38 pages. The book is 82 pages long.</p> <p>a) How many pages did Will read?</p>

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	b) How many more pages does Will need to read to finish the book?
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17	Colleen put 27 fewer beads on her necklace than Jenny did. Colleen put on 46 beads. How many beads did Jenny put on her necklace? If 16 beads fell off of Jenny's necklace, how many beads are still on it?
18	Joseph collected 49 golf balls from the course. He still had 38 fewer than his friend Ethan. How many balls did Ethan have? If Ethan gave Joseph 24 golf balls, who had more golf balls? How many more?
19	none
20	none