2nd Problem Solving Scope and Sequence

Instructions: Use these problems in sequential order. Please fill in the date the problem was used. NOTE: Whole grade must use the same problem on the same day.

Date Used	Type	Level	Context	Comprehension	Number Sentence
	JRU	I	Gianna won 58 tokens at Chuck E. Cheese. Then Gianna won 67 more. How many tokens did Gianna win altogether?	Did Giana win more or less than 67 tokens?	58 + 67 = ☐
	SRU	I	Foune had 78 beads in her hair. 49 beads fell out. How many beads are still in her hair?	Does Foune have more or less than 78 beads in her hair?	78 - 49 = ☐
	PPW-WU	I	Ms. Royes has some books in a bin. 49 are fiction and 64 are non-fiction. How many books does Ms. Royes have altogether?	Does Ms. Royes have more or less than 64 books altogether?	49 + 64 = ☐
8/25	CDU	II	Devin got 61 tickets from a game at Chuck E. Cheese. Jamal only got 29. How many more tickets does Devin have than Jamal?	Does Jamal have more or less than 61 tickets?	61 - 29 = ☐
26-Aug	M	II	Ms. Ellis has 13 boxes of paintbrushes. There are 6 brushes in each box. How many paintbrushes does Ms. Ellis have?	Does Ms. Ellis have more or less than 13 paintbrushes?	13 + 13 + 13 + 13 + 13 + 13 = ☐
28-Aug	MD	II	Ms. Burress has 48 cookies that she wants to put into boxes. She puts 3 cookies in each box. How many boxes will she need?	Will Ms. Burress need more or less than 48 boxes?	48-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3 = 0
29-Aug	PD	II	Ms. Bell has 81 crayons. She gives the crayons to 9 scholars. Each scholar gets the same number of crayons. How many crayons does each scholar get?	Will each scholar get more or less than 81 crayons?	11+11+11+11+11+11+11+4 = 81
15-Dec	JCU	III	Isaiah has 39 games for his Wii. How many more games does he need to have 84 games altogether?	Does he need more or less than 84 games?	39 + ☐ = 84
12'16	SCU	III	Keagan has 53 grapes in his bag. He ate some of them for snack. Now he has 18 grapes in his bag. How many grapes did Keagan eat for snack?	Did he eat more or less than 53 grapes?	53 - ☐ = 18
12'17	PPW-PU	III	Mr. B had a bag of 85 balls for sports. 52 were footballs and the rest were baseballs. How many baseballs did Mr. B have?	Did Mr. B have more or less than 85 baseballs?	52 + ☐ = 85
7-Jan	JSU	IV	Coach Wise had some soccer balls. He bought 41 more soccer balls. Now he has 59 soccer balls. How many soccer balls did he have to start with?	Did Coach Wise start with more or less than 59 soccer balls?	☐ + 41 = 59
8-Jan	SSU	IV	Coach Wise had some soccer balls. He bought 41 more soccer balls. Now he has 59 soccer balls. How many soccer balls did he have to start with?	Did Elisabeth start with more or less than 62 stickers?	☐ - 35 = 62
	PPW-PPU	IV	I have 15 vegetables on my plate. Each one is either a pea or a carrot. What could I have on my plate? What are all the ways I could answer this question?	PPW-PPU problems do not have comprehension jobs.	☐ + Δ = 15
10-Jan	CQU	IV	Hunter has 19 colored pencils. Nashaly has 39 more colored pencils than Hunter. How many colored pencils does Nashaly have?	Compare problems do not have a comprehension job.	19 + 39 = ☐
10-Jan	CRU	IV	Thomas has 35 books on his log. He has 17 more books than Matthew. How many books does Matthew have on his log?	Compare problems do not have a comprehension job.	35 - 17 = ☐
	JRU	I	While riding the bus, 68 cars drove past us. Then 85 more drove past. How many cars drove past us altogether?	Did more or less than 85 cards drive past us?	68 + 85 = ☐
16-Sep	JRU	I	I found 77 beads on the playground. Then I found 84 more beads in the lunchroom. How many beads did I find altogether?	Did I find more or less than 84 beads?	77 + 84 = ☐
17-Sep	SRU	I	Mekhai's mom brought 87 cupcakes for his birthday. She gave 38 of them to scholars. How many cupcakes does she have left?	Does Mekhai have more or less than 87 cupcakes left?	87 - 38 = ☐
18-Sep	SRU	I	Penn State has 112 bouncy balls. They gave another class 54 of them. How many bouncy balls does Penn State have left?	Does Penn State have more or less than 112 bouncy balls left?	112 - 54 = ☐
27-Jan	PPW-WU	I	There are 57 girls on the playground and 116 boys on the playground. How many scholars are on the playground?	Are there more or less than 116 boys on the playground?	57 + 116 = ☐

28-Jan	PPW-WU	I	Rakiya has 68 carrots and 194 peas on her lunch tray. How many vegetables does she have altogether?	Are there more or less than 194 peas on her lunch tray?	68 + 194 = ☐
29-Jan	PD-ES	II	Two children want to share five cupcakes so that each child gets the same amount. How many cupcakes should each child get?	Will each child have more or less than 5 brownies?	2½ + 2½ = 5
10/14	CDU	II	Omar had 43 Cheerios in his cereal bowl. Julius had 18 Cheerios in his cereal bowl. How many more Cheerios does Omar have than Julius?	Compare problems do not have a comprehension job.	43 - 18 = ☐
10/15	CDU	II	I have 48 scarves and Mrs. Ansari only has 29 scarves. How many more scarves do I have than Mrs. Ansari?	Compare problems do not have a comprehension job.	48 - 29 = ☐
	PD-ES	II	Emma had 7 cherries that she wanted to share with her aunt. How many should each person get?	Will each person get more or less than 7 cherries?	3½ + 3½ = 7
9/23/19	M	II	I have 5 bags of cookies. There are 6 cookies in each bag. How many cookies do I have?	Do I have more or less than 6 cookies?	6 + 6 + 6 + 6 = ☐
	M	II	Ms. Chang ordered 7 pizza pies. Each pizza was cut into 4 slices. How many slices of pizza are there?	Are there more or less than 7 slices of pizza?	4 + 4 + 4 + 4 + 4 + 4 + 4 = ☐
	MD	II	Genesis has 42 crayons that she wants to put into boxes. She put 7 crayons in each box. How many boxes will she use?	Will she use more or less than 42 boxes?	42 - 7 - 7 - 7 - 7 - 7 - 7 = 0
12/9	MD	II	I bought 48 tomatoes. There were 8 tomatoes in each bag. How many bags of tomatoes did I buy?	Did I buy more or less than 48 bags of tomoatoes?	48 - 8 - 8 - 8 - 8 - 8 - 8 = 0
12/10	PPW-PPU	IV	I have 15 toys in my bag. Each one is either a marble or a block. What could I have in my bag? What are all the ways I could answer this question?	PPW-PPU problems do not have comprehension jobs.	☐ + Δ = 15
	PD	II	I had 41 lunches. I put the lunches into 5 bags with the same number of lunches in each bag. How many lunches are in each bag?	Are there more or less than 41 lunches in each bag?	8 + 8 + 8 + 8 + 8 + 1 = 41
	PD	II	I had 52 pepperonis. I put the pepperonis onto 4 pizzas with the same number of pepperonis on each pizza. How many pepperonis are on each pizza?	Are there more or less than 52 pepperonis on each pizza?	12 + 12 + 12 + 12 + 4 = 52
12/11/	JCU	III	Roy has 24 coins in his coin collection. How many more coins does he need to have 72 altogether?	Does he need more or less than 72 coins?	24 + ☐ = 72
12/13	JCU	III	Devon has 27 blocks in his tower. How many more blocks does Devon need to have 86 blocks altogether?	Does he need more or less than 86 blocks?	27 + ☐ = 86
2/5	PD-ES	II	4 children want to share 5 candy bars so that everyone gets the same amount. How much candy bar does each child have?	Does each child have more or less than 5 candy bars?	1¼ + 1¼ + 1¼ + 1¼ = 5
10/07	SCU	III	Jamar has 58 tiles in his counting jar. He takes some of the tiles out of the jar. Now he has 19 tiles left in his jar. How many tiles did Jamar take out?	Did he take out more or less than 58 tiles?	58 - ☐ = 19
10/08	SCU	III	Ms. Hunter had 61 Beyond Z cards. She passed out some of them. Now she has 24 left. How many cards did Ms. Hunter pass out?	Did she pass out more or less than 61 cards?	61 - ☐ = 24
1/8	PPW-PU	III	I saw 93 animals at the park. 56 were squirrels and the rest were dogs. How many dogs did I see?	Did I see more or less than 93 dogs?	56 + ☐ = 93
1/7	PPW-PU	III	There are 95 flowers in my vase. 69 are white and the rest are yellow. How many yellow flowers are in my vase?	Are there more or less than 95 flowers in my vase?	69 + ☐ = 95
1/6	PD-ES	II	4 children want to share 10 brownies so that each child gets exactly the same amount. How much brownie should each child get?	Will each child get more or less than 10 brownies?	2½ + 2½ + 2½ + 2½ = 10
xxx	JSU	IV	Ms. Jones had some pennies in her penny jar. She collected 36 more pennies. Now she has 62 pennies in her jar. How many pennies did she start with?	Did she start with more or less than 62 pennies?	☐ + 36 = 62

	JSU	IV	Atalia saw some ants on a picnic table. Then 48 more ants crawled on the table. Now there are 73 ants on the table. How many ants did she see first?	Did she see more or less than 73 ants at first?	□ + 48 = 73
01/13	SSU	IV	Kristian had some money. He spent 37¢. Now he has 45¢. How much money did he start with?	Did he start with more or less than 45 cents?	□ - 37 = 45
01/14	SSU	IV	Dane baked some cookies. He gave 62 cookies away. Now he has 29 cookies. How many cookies did Dane start with?	Did he start with more or less than 62 cookies?	□ - 62 = 29
2/10/20	PD-ES	II	4 children want to share 9 brownies so that eac hchild gets exactly the same amount. How much brownie should each child get?	Will each child get more or less than 9 brownies?	2¼ + 2¼ + 2¼ + 2¼ = 9
1/15	CQU	IV	David ate 25 peanuts. Manny ate 36 more peanuts than David. How many peanuts did Manny eat?	Did Manny eat more or less than 36 peanuts?	25 + 36 = □
1/16	CQU	IV	Fernando built a tower of 37 blocks. Nijea built a tower with 38 more blocks than Fernando. How many blocks did Nijea use for her tower?	Compare problems do not have a comprehension job.	37 + 38 = □
10/16	CRU	IV	Robin has 32¢ in her piggy bank. She has 16¢ more than Kayla. How much money does Kayla have?	Compare problems do not have a comprehension job.	32 - 16 = □
10/17	CRU	IV	Nyla built a tower with 38 blocks. She used 19 more blocks than Zaire. How many blocks did Zaire use?	Compare problems do not have a comprehension job.	38 - 19 = □
	PPW-PPU	IV	I have 16 fruits in my bowl. Each one is either an orange or a banana. What could I have in my bowl? What are all the ways I could answer this question?	PPW-PPU problems do not have comprehension jobs.	□ + Δ = 16
1/21	JRU	I	Sara collects cans. One Monday she collected 24 cans. On Wednesday she collected 48 cans, and on Friday she collected 26 cans. How many cans did she collect altogether?	Did she collect more or less than 48 cans?	24 + 48 + 26 = □
1/22	SRU	I	132 people were on the bus. 85 people got off. How many people are still on the bus?	Are there more or less than 132 people left on the bus?	132 - 85 = □
1/23	CDU	II	Alyssa has 52 papers in her homework folder. Destiny has 16 papers in her homework folder. How many more papers does Alyssa have than Destiny?	Compare problems do not have a comprehension job.	52 - 16 = □
1/24	CDU	II	Ms. DeBlasio has 57 cousins but Ms. Chang only has 28 cousins. How many more cousins does Ms. DeBlasio have than Ms. Chang?	Compare problems do not have a comprehension job.	57 - 28 = □
	M	II	There are 6 tables in Ms. O'Rourke's classroom. Each table has 7 scholars at it. How many scholars are in the room?	Are there more or less than 7 scholars in the classroom?	7 + 7 + 7 + 7 + 7 + 7 = □
	M	II	Ms. Angeles has 7 plates. She puts 8 orange slices on each plate. How many orange slices does Ms. Angeles have?	Does she have more or less than 8 orange slices?	8 + 8 + 8 + 8 + 8 + 8 + 8 = □
	MD	II	Ms. Reid has 54 stickers. There are 6 stickers on each page. How many pages of stickers does Ms. Reid have?	Does she have more or less than 54 pages of stickers?	54 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 = 0
	MD	II	Ms. Davis Dillard has 67 apples. There are 7 apples in each box. How many boxes are there?	Are there more or less than 67 boxes?	67 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 = 3
2/12	JCU	III	The red table has 35 table points. How many more table points does the red table need to have 91 points?	Do they need more or less than 91 points?	35 + □ = 91
2/13	JCU	III	Genesis has 39 stickers. How many more stickers does she need to have 96 stickers?	Does she need more or less than 96 stickers?	39 + □ = 96
2/11	PD-ES	II	4 children share 11 grapes. How many grapes will each child get?	Will each child get more or less than 11 grapes?	2¾ +2¾ + 2¾ + 2¾ = 11
	SSU	IV	Ms. Burress had some beyond Z cards. She gave out 46 of them. She had 57 left. How many beyond Z cards did she start with?	Did she start with more or less than 57 cards?	□ - 46 = 57
	SSU	IV	Ms. Diaz had some crayons. She lost 63 of them. Now she has 48 crayons. How many crayons did she have to start with?	Did she start with more or less than 63 crayons?	□ - 63 = 48
	PPW-PU	III	Joe had 103 hats. 47 were brown and the rest were red. How many hats were red?	Were more or less than 103 hats red?	47 + □ = 103

	PPW-PU	III	There are 104 books in the basket. 78 of the books are level L and the rest of the books are level M. How many of the books are level E?	Were there more or less than 104 Level M books?	78 + □ = 104
	PPW-PPU	IV	Ms. Varney has 17 prizes in her bin. Each one is either a yo-yo or a ring. What could Ms. Varney have in her bin? What are all the ways you could answer this question?	PPW-PPU problems do not have comprehension jobs.	□ + Δ = 17
	CRU	IV	Robert has 44 tiles. He has 25 more tiles than Louis. How many tiles does Louis have?	Does Louis have more or less than 44 tiles?	44 - 25 = □
	CRU	IV	Kyra has 51 stickers. She has 26 more stickers than Alex. How many stickers does Alex have?	Does Alex have more or less than 51 stickers?	51 - 26 = □
	CQU	IV	Jenelsie has 25 Skittles. William has 64 more Skittles than Jenelsie. How many Skittles does William have?	Compare problems do not have a comprehension job.	25 + 64 = □
	CQU	IV	Ms. Rosenberger has 39 crickets. Ms. Levine has 45 more crickets than Ms. Rosenberger. How many crickets does Ms. Levine have?	Compare problems do not have a comprehension job.	39 + 45 = □
	PD-ES	II	4 children want to share 11 Munchkins so each child gets the same amount. How many Munchkins will each child get?	Will each child get more or less than 11 Munchkins?	2¾ + 2¾ + 2¾ + 2¾ = 11
	SCU	IV	Layla has 64 French fries. She ate some of them. Now she has 28 left. How many French fries did Layla eat?	Did Layla eat more or less than 64 french fries?	64 - □ = 28
	SCU	IV	There are 76 bees in the garden. Some of them flew away. Now there are 37 bees in the garden. How many bees flew away?	Did more or less than 76 bees fly away?	76 - □ = 37
2/24	JSU	IV	Jayden's basketball team scored some points in the first half. In the second half they scored 59 points. They scored 76 points altogether. How many points did they score in the first half?	Did they score more or less than 76 points in the first half.	□ + 59 = 76
2/25	JSU	IV	Ms. Ziegler had some cookies. Her friends gave her 57 more. Now she has 85 cookies. How many cookies did she have to start with?	Did she start with more or less than 85 cookies?	□ + 57 = 85
2/3	SRU	I	Ms. DeBlasio had 145 paper clips in her box. She used 96 of them. How many paper clips does Ms. DeBlasio have left in the box?	Does she have more or less than 145 paperclips left?	145 - 96 = □
2/4	SRU	I	There were 183 birds sitting on the fence. 98 of them flew away. How many birds are still on the fence?	Are there more or less than 183 birds still on the fence?	183 - 98 = □
	PD-ES	II	3 children are sharing 7 subway sandwiches. If they want everyone to have the same amount, how much should each child have?	Will each child have more or less than 7 sandwiches?	2⅓ + 2⅓ + 2⅓ = 7
	JCU	III	Malik has 48 crayons. How many more crayons does he need to have 92 crayons?	Does he need more or less than 92 crayons?	48 + □ = 92
	JCU	III	Ms. Brown has 52 buttons. How many more buttons does she need to have 101 buttons altogether?	Does she need more or less than 101 buttons?	52 + □ = 101
	SSU	IV	Mr. Caraway had some candy. He gave away 59 pieces of candy. Now he has 65 pieces left. How many pieces of candy did he start with?	Did he start with more or less than 65 pieces of candy?	□ - 59 = 65
	SSU	IV	Gregory had some money. He spent $87 on a new game. Now he has $43. How much money did Gregory have to start with?	Did he start with more or less than $87?	□ - 87 = 43
	PD-ES	II	3 children what to share 5 brownies so that everyone gets exactly the same amount. How much brownie can each child have?	Will each child get more or less than 5 brownies?	1⅔ + 1⅔ + 1⅔ = 5
	M	II	Ms. Delany has 4 boxes of markers. There are 9 markers in each box. How many markers does Ms. Delany have?	Does she have more or less than 9 markers?	9 + 9 + 9 + 9 = □
	M	II	My aunt bought 5 cartons of eggs. Each carton had 8 eggs in it. How many eggs did my aunt buy?	Did she buy more or less than 8 eggs?	8 + 8 + 8 + 8 + 8 = □
	PPW-PPU	IV	I have 18 balls in the bag. Each one is either a basketball or a football. What could I have in the bag? What are all the ways you could answer this question?	PPW-PPU problems do not have comprehension jobs.	□ + Δ = 18

	CDU	II	Ajeyah read 63 books and Cerentiy read 14 books. How many more books did Ajeyah read than Cerenity?	Compare problems do not have a comprehension job.	63 - 14 = ☐
	CDU	II	Jason had 65 pretzels. His sister, Ja'zayle, had 37 pretzels. How many more pretzels does Jason have than Ja'zayle?	Compare problems do not have a comprehension job.	65 - 37 = ☐
	MD	II	There are 64 pencils. Ms. Kamin puts 8 pencils on each table. How many tables are there?	Are there more or less than 64 pencils on each table?	64 - 8 - 8 - 8 - 8 - 8 - 8 - 8 = 0
	MD	II	I have 73 crayons. I put 9 crayons in each box. How many boxes of crayons do I have?	Do I have more or less than 73 boxes of crayons?	73 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 = 1
	PD-ES	II	2 children share 1 brownie so that everyone gets exactly the same amount. How much brownie can each child have?	Will each child get more or less than 1 brownie?	½ + ½ = 1
	CRU	IV	I made 63 cookies for the class. I made 34 more cookies than Ms. Brickley. How many cookies did Ms. Brickley make?	Compare problems do not have a comprehension job.	63 - 34 = ☐
	CRU	IV	Abdoulaye collected 57 seashells at the beach. He collected 39 more than Taylor. How many seashells did Taylor collect?	Compare problems do not have a comprehension job.	57 - 39 = ☐
	JCU	IV	Andrew ate 67 Cheerios. At snack, he ate some more. Altogether he ate 105 Cheerios. How many Cheerios did he eat at snack?	Did he eat more or less than 105 cheerios during snack?	67 + ☐ = 105
	JCU	IV	Ralph has 73 pennies. His mom gives him some more. Now he has 102 pennies. How many pennies did his mom give him?	Did his mom give him more or less than 102 pennies?	73 + ☐ = 102
	PD-ES	II	4 children share 1 candy bar so that everyone gets exactly the same amount. How much can each child have?	Will each child get more or less than 1 candy bar?	¼ + ¼ + ¼ + ¼ = 1
	SCU	IV	There are 82 leaves on the tree. Some of them blow away. Now there are 43 leaves on the tree. How many leaves blew away?	Did more or less than 82 leaves blow off the tree?	82 - ☐ = 43
	SCU	IV	Savannah had 93 erasers. She lost some of them. Now she has 55 erasers. How many erasers did Savannah lose?	Did she lose more or less than 93 erasers?	93 - ☐ = 55
	M	II	Jazell has 10 baggies. He has 7 Oreos in each baggie. How many Oreos does Jazell have?	Does he have more or less than 10 oreos?	7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 = ☐
	M	II	Quinlan bought 11 boxes of cupcakes. There were 8 cupcakes in each box. How many cupcakes did Quinlan buy?	Did Quinlan buy more or less htan 11 cupcakes?	8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 = ☐
	PD-ES	II	4 children share 2 sandwiches so that everyone gets exactly the same amount. How much can each child have?	Will each child get more or less than 2 sandwiches?	½ + ½ + ½ + ½ = 2
	PPW-WU	I	Mikiah has a bag of lollipops. 32 of them are red, 69 of them are blue, and 73 of them are green. How many lollipops does she have in the bag?	Does she have more or less than 73 lollipops?	32 + 69 + 73 = ☐
	PPW-WU	I	Susie has 48 pennies, 75 dimes, and 97 nickels. How many coins does she have?	Does she have more or less than 97 coins?	48 + 75 + 97 = ☐
	PPW-PU	III	I have 104 coins in a jar. 72 are pennies and the rest are dimes. How many dimes are in the jar?	Are there more or less than 104 dimes in the jar?	72 + ☐ = 104
	SCU	IV	Noah had 96 pieces of candy. He ate some. Now he has 51 left. How many pieces of candy did Noah eat?	Did he eat more or less than 96 pieces of candy?	96 - ☐ = 51
	SCU	IV	There were 98 apple slices in the snack box. Ms. Seagrave passed some out. Now there are 46 apple slices left. How many apple slices did she pass out?	Did she pass out more or less than 98 apple slices?	98 - ☐ = 46
	M	II	For my birthday party I ordered 10 pizzas. Each pizza had 10 slices. How many slices were there altogether?	Are there more or less than 10 slices altogether?	10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 = ☐
	M	II	Emily has 9 packets of Smarties. There are 9 Smarties in each packet. How many Smarties does Emily have?	Does she have more or less than 9 smarties altogether?	9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 = ☐
	PPW-PPU	IV	I have 19 cupcakes in my box. Each one is either chocolate or vanilla. What could I have in my box? What are all the ways I could answer this question?	PPW-PPU problems do not have comprehension jobs.	☐ + Δ = 19

	PPW-PU	III	There are 121 scholars playing in the park. 89 scholars are on the swings and the rest are on the slide. How many scholars are on the slide?	Are there more or less than 121 scholars on the slide?	89 + □ = 121
	PPW-PU	III	There are 133 scooters in the gym closet. 75 of them are blue and the rest are yellow. How many scooters are yellow?	Are more or less than 133 of the scooters yellow?	75 + □ = 133
	MD	II	I have 81 books. I put 9 books in each book baggie. How many book baggies do I have?	Do I have more or less than 81 book baggies?	81 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 = 0
	MD	II	I have 98 M&M's. I gave 8 M&M's to each of my friends. How many friends received M&M's?	Did more or less than 98 friends get M&M's?	98 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 = 2
	PD-ES	II	4 children share 3 candy bars so that everyone gets exactly the same amount. How much can each child have?	Will each child get more or less than 3 candy bars?	¾ + ¾ + ¾ = 3
	JSU	IV	Momodou had some stickers. He earned 69 more stickers. Now he has 91 stickers. How many stickers did he start with?	Did he start with more or less than 91 stickers?	□ + 69 = 91
	JSU	IV	Ms. Hunter spent some money on stickers. Then she spent $77 on sparkly pencils. Altogether she spent $106. How much did she spend on stickers?	Did she spend more or less than $106 on stickers?	□ + 77 = 106
	PD	II	Matt had 85 apples. He put the apples in 6 boxes with the same number of apples in each box. How many apples in each box?	Are there more or less than 85 apples in each box?	14 + 14 + 14 + 14 + 14 + 14 + 1 = 85
	PD	II	Elijah had 100 pencils. He put the pencils in 9 boxes with the same number of pencils in each box. How many pencils were in each box?	Are there more or less than 100 pencils in each box?	11 + 11 + 11 + 11 + 11 + 11 + 11 + 11 + 11 + 1 = 100
	M-MG	II	There are 6 children and I want to give them each a half of a banana. How many bananas do I need?	Do I need more or less than 6 bananas?	½ + ½ + ½ + ½ + ½ + ½ = 3
	SSU	IV	Jaden had some skittles. He ate 78 Skittles. Now he has 42 Skittles. How many Skittles did he have to start with?	Did he start with more or less than 78 stickers?	□ - 78 = 42
	SSU	IV	Shadeem had some money. He spent $95 on a new bike. Now he has $37. How much money did Shadeem have to start with?	Did he start with more or less than $95?	□ - 95 = 37
	CDU	IV	Ms. Sullivan has 71 prizes in her prize box. Ms. Richardson has 45 prizes in her prize box. How many more prizes does Ms. Sullivan have than Ms. Richardson?	Compare problems do not have a comprehension job.	71 - 45 = □
	CDU	IV	Rahnell has 75 stickers. Alexander has 38 stickers. How many more stickers does Rahnell have than Alexander?	Compare problems do not have a comprehension job.	75 - 38 = □
	M-MG	II	8 children each want one-fourth of a sandwich. How many sandwiches do I need?	Do I need more or less than 8 sandwiches?	¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ = 2
	CQU	IV	Alexis has 38 water balloons. Michael has 59 more water balloons than Alexis. How many water balloons does Michael have?	Compare problems do not have a comprehension job.	38 + 59 = □
	CQU	IV	Jayden has 46 pieces of candy. Amberlize has 57 more pieces of candy than Jayden. How many pieces of candy does Amberlize have?	Compare problems do not have a comprehension job.	46 + 57 = □
	JRU	II	Ms. Hunter gave out 34 integrity cards in January. She gave out 68 more in February. In March she gave out another 46 cards. How many did she give out altogether?	Did she give out more or less than 68 integrity cards?	34 + 68 + 46 = □
	SRU	II	Naomi had 212 crayons. She lost 135 of them. How many crayons does Naomi have now?	Does she have more or less than 212 crayons?	212 - 135 = □
	MD-MG	II	I have 2 slices of cheese. It takes half of a slice of cheese to make a snack. How many snacks can I make?	Will the slices of cheese make more or less than 2 snacks?	½ + ½ + ½ + ½ = 2
	JRU	I	Rafael did 46 math facts on Monday. He did 35 on Tuesday and he did 116 on Wednesday. How many math facts did Rafael do altogether?	Did he do more or less than 116 math facts?	46 + 35 + 116 = □
	SRU	I	Ms. Hickman had 123 Beyond Z stickers. She gave out 37 stickers on Monday and 48 stickers on Tuesday. How many stickers does she have left?	Does she have more or less than 123 stickers left?	123 - 37 - 48 = □

	CRU	IV	Ms. B made 71 cupcakes for her class. She made 48 more than Ms. Cui. How many cupcakes did Ms. Cui make?	Compare problems do not have a comprehension job.	71 - 48 = □
	CRU	IV	Amadou has 72 stickers. He has 56 more stickers than Jane. How many stickers does Jane have?	Compare problems do not have a comprehension job.	72 - 56 = □
	PPW-PPU	IV	Cindy bought a box of 12 doughnuts. Each one is either a plain or chocolate. What could Cindy have in her box? What are all the ways you could answer this question?	PPW-PPU problems do not have comprehension jobs.	□ + Δ = 20
	M	II	The train had 8 cars. There were 12 people in each car. How many people were on the train?	Are there more or less than 12 people on the train?	12 + 12 + 12 + 12 + 12 + 12 + 12 + 12 = □
	CQU	IV	Mark has 49 stickers. Anna has 58 more stickers than Jayden. How many stickers of candy does Anna have?	Compare problems do not have a comprehension job.	49 + 58 = □
	PD	II	Mckenzie had 124 crayons. She put the crayons in 8 boxes with the same number of crayons in each box. How many crayons were in each box?	Were there more or less than 124 crayons in each box?	15 + 15 + 15 + 15 + 15 + 15 + 15 + 4 = 124
	PD	II	There are 65 scholars at field day. Ms. Haynes put them into 3 groups with the same number of scholars in each group. How many scholars are in each group?	Are there more or less than 65 scholars in each group?	21 + 21 + 21 + 2 = 65
	MD-MG	II	I have 3 cups of frosting. It takes one-fourth of a cup of frosting to frost a cupcake. How many cupcakes can I frost?	Will I be able to frost more or less than 3 cupcakes?	¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼= 3
	JSU	IV	Giovanni has some marbles. His friend gives him 76 more marbles. Altogether he has 112 marbles. How many marbles did Giovanni start with?	Did he start with more or less than 112 marbles?	□ + 76 = 112
	JSU	IV	Lauren had some stickers. Her cousin gives her 89 more. Now she has 115 stickers. How many stickers did Lauren have to start with?	Did she start with more or less than 115 stickers?	□ + 89 = 115
	CDU	II	Kaylanie has 84 goldfish crackers. Heaven has 29 goldfish crackers. How many more crackers does Kaylanie have than Heaven?	Compare problems do not have a comprehension job.	84 - 29 = □
	CDU	II	The smartboard is 92 inches tall. The bookshelf 49 inches tall. How much taller is the smartboard than the bookshelf?	Compare problems do not have a comprehension job.	92 - 57 = □
	PD-ES	II	Four children want to share 25 cherries so that each child gets the same amount. How many cherries should each child get?	Will each child get more or less than 25 cherries?	6 ¼ + 6 ¼ + 6 ¼ + 6 ¼ = 25
	JRU	I	On Friday Jamari did 42 jumping jacks. On Saturday Jamari did 61 jumping jacks, and on Sunday he did another 66 jumping jacks. Finally, on Monday he did 17 more. How many jumping jacks did Jamari do altogether?	Did he do more or less than 66 jumping jacks?	42 + 61 + 66 + 17 = □
	SRU	I	Mr. Evans has 154 ties. He gave 26 to his brother and 65 to his son. How many ties does he have left?	Does he have more or less than 154 ties left over?	154 - 26 - 65 = □
	M	II	Ms. Seagrave has 12 pages of stickers. Each page contains 6 stickers. How many stickers does she have?	Does she have more or less than 12 stickers?	6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 = □
	M	II	Robert had 12 packs of gum. Each packs contains 11 pieces of gum. How many pieces of gum does he have?	Does she have more or less than 12 pieces of gum?	11 + 11 + 11 + 11 + 11 + 11 + 11 + 11 + 11 + 11 + 11 + 11 = □
	PPW-PPU	II	Ms. Kalick baked 21 muffins. Each one is either blueberry or chocolate chip. What could Ms. Kalick have? What are all the ways you could answer this question?	PPW-PPU problems do not have comprehension jobs.	□ + Δ = 21
	CQU	IV	Quinnipiac has 29 beyond Z cards. Penn State has 76 more beyond Z cards than Quinnipiac. How many beyond Z cards does Penn State have?	Compare problems do not have a comprehension job.	29 + 76 = □
	CQU	IV	Ms. Walsh read 34 books this year. Mr. Gentile read 77 more books than Ms. Walsh. How many books has Mr. Gentile read?	Compare problems do not have a comprehension job.	34 + 77 = □

			Problem	Comprehension Question	Equation
	SCU	IV	Oded had 98 papers in her homework folder. Her mom threw some of the papers away. Now she has 63 papers in her homework folder. How many pieces of paper did Oded's mom throw away?	Did her mom throw out more or less than 98 pieces of paper?	98 - □ = 63
	SCU	IV	James had 128 cupcakes for his birthday party. He handed out some to his friends. He had 64 cupcakes left. How many cupcakes did he give to his friends?	Did he give out more or less than 128 cupcakes?	128 - □ = 64
	PD-ES	II	Three children want to share 26 brownies so that each child gets the same amount. How much brownie can each child get?	Will each child get more or less than 26 brownies?	8⅔ + 8⅔ + 8⅔ = 26
	CRU	IV	OSU has 82 Beyond Z Cards. They have 53 more Beyond Z Cards than SLU. How many Beyond Z Cards does SLU have?	Compare problems do not have a comprehension job.	82 - 53 = □
	CRU	IV	Beth has $75. She has $58 more than Carly. How many much does Carly have?	Compare problems do not have a comprehension job.	75 - 58 = □
	MD	II	There are 110 Legos. Each scholar gets 10 Legos. How many scholars receive Legos?	Did more or less than 110 scholars get legos?	110 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 = 0
	MD	II	I have 101 Animal Crackers. I gave 11 Animal Crackers to each of my friends. How many friends received Animal Crackers?	Did more or less than 101 friends get animal crackers?	101 - 11 - 11 - 11 -11 -11 -11 - 11 - 11 - 11 = 2
	PD-ES	II	Three children want to share one pizza so that everyone gets exactly the same amount. How much pizza can each child get?	Will each child get more or less than one pizza?	⅓ + ⅓ + ⅓ = 3
	JCU	III	Malik has 84 gummy bears. His friend gives him some more. Now he has 121 gummy bears. How many gummy bears did his friend give him?	Did his friend give him more or less than 121 gummy bears?	84 + □ = 121
	JCU	III	I have $96 saved to buy a bike. My grandpa gave me some more money for my birthday. Now I have $124. How much money did grandpa give me for my birthday?	Did he give me more or less than $124 dollars?	96 + □ = 124
	PD	II	Abibat has 141 hair beads. She wants to make 7 braids with the same number of beads in each braid. How many beads are in each braid?	Are there more or less than 141 beads in each braid?	19 + 19 + 19 + 19 + 19 + 19 + 19 + 8 = 141
	PD	II	Kristian had 105 stuffed animals. He put them into 4 boxes with the same number of stuffed animals in each box. How many stuffed animals are in each box?	Are there more or less than 105 stuffed animals in each box?	26 + 26 + 26 + 26 + 1 = 105
	PD-ES	II	Three children want to share 2 pizzas so that everyone gets exactly the same amount. How much pizza can each child get?	Will each child get more or less than two pizzas?	⅔ + ⅔ + ⅔ = 2
	SSU	IV	I had some grapes in a bag. At lunch I shared 94 grapes with my friends. Now I have 48 grapes. How many grapes did I start out with?	Did I start out with more or less than 94 grapes?	□ - 94 = 48
	SSU	IV	Ms. Seagrave had some cupcakes. She gave 89 of them to first graders and now she has 65 left. How many cupcakes did she start out with?	Did she start with more or less than 89 cupcakes?	□ - 89 = 65
	CDU	II	Jaylin has 117¢. Josiah has 49¢. How much more money does Jaylin have than Joasiah?	Compare problems do not have a comprehension job.	117 - 49 = □
	PPW-PPU	IV	Lyzzah has 22 hair clips in a box. Each one is either pink or yellow. What could Lyzzah have in her box? What are all the ways you could answer this question?	PPW-PPU problems do not have comprehension jobs.	□ + Δ = 22
	JSU	III	Alyssa has some seashells. She finds 87 more. Now she has 123 seashells. How many seashells did Alyssa have to start with?	Did she start with more or less than 123 seashells?	□ + 87 = 123
	JSU	III	Ibrahima had some pennies. His sister gave him 94 more pennies. Now he has 131 pennies. How many pennies did Ibrahima have to start with?	Did he start with more or less than 131 pennies?	□ + 94 = 131
	CQU	IV	Ms. Easton has $42. Ms. Kimm has $89 more than Ms. Easton. How many dollars does Ms. Kimm have?	Compare problems do not have a comprehension job.	42 + 89 = □
	CQU	IV	Sue has 59 crayons. Alice has 82 more crayons than Sue. How many crayons does Alice have?	Compare problems do not have a comprehension job.	59 + 82 = □

	M-MG	II	There are 12 children and I want to give them each one-fourth of an apple. How many apples do I need?	Do I need more or less than 12 apples?	¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ = 3
	CRU	IV	Mark has 93 skittles. He has 66 more than Lisa. How many skittles does Lisa have?	Compare problems do not have a comprehension job.	93 - 66 = ☐
	CRU	IV	Penn State earned 94 loud and proud cards. They earned 77 more cards than Boston College. How many loud and proud cards did Boston College earn?	Compare problems do not have a comprehension job.	94 - 77 = ☐
	JRU	I	On Monday I did 53 sit-ups. On Tuesday I did 75 sit-ups. On Wednesday I did 67 sit-ups, and then I did another 29 sit-ups on Thursday. I took Friday off. How many sit-ups did I do altogether?	Did I do more or less than 75 sit-ups?	53 + 75 + 67 + 29 = ☐
	SRU	I	Mr. Olinsky had 182 Smelly Pencils. He gave out 55 pencils in April. He gave out 63 more in May. How many Smelly Pencils does he have left?	Does Mr. Olinsky have more or less than 182 pencils left over?	182 - 55 - 63 = ☐
	MD-MG	II	I have 4 cups of raisins. It takes one-fourth of a cup of raisins to make a cake. How many cakes can I make?	Will I be able to make more or less than 4 cakes?	¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ + ¼ = 4