Kindergarten 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
10/9/2018	JRU	I	Gianna won 4 tokens at Chuck E. Cheese. Then Gianna won 7 more. How many tokens did Gianna win altogether?	Did Gianna win more or less than 7 tokens?	4+7=☐
10/10/2018	JRU	I	While riding the bus, 7 cars drove past us. Then 8 more cars drove past. How many cars drove past us altogether?	Did more or less than 8 cars drive past us?	7+8=☐
10/11/2018	PPW-WU	I	There are 5 scholars at the blue table and 6 scholars at the orange table. How many scholars are there altogether?	Are there more or less than 6 scholars?	5+6=☐
	SRU	I	I had 11 chocolate chip cookies. I ate 4 of them. How many cookies do I have left?	Do I have more or less than 11 cookies left?	11-4=☐
	SRU	I	Naomi had 13 crayons. She lost 5 of them. How many crayons does Naomi have now?	Does Naomi have more or less than 13 crayons?	13-5=☐
	JRU	I	I had 6 shells. Then I found 9 more shells. How many shells do I have altogether?	Do I have more or less than 9 shells?	6+9=☐
	JRU	I	There are 3 leaves on the story tree. Ms. Chang put 12 more leaves on the story tree. How many leaves are on the story tree altogether?	Are there more or less than 12 leaves on the story tree?	3+12=☐
	PPW-WU	I	6 boys and 8 girls were playing soccer. How many children were playing soccer altogether?	Are there more or less than 8 children playing soccer?	6+8=☐
	PPW-WU	I	There are 7 red markers and 9 purple markers in the cup. How many markers are in the cup altogether?	Are there more or less than 9 markers in the cup?	7+9=☐
	SRU	I	Ms. Lerman had 12 stickers. She gave 7 of them to her scholars. How many stickers does Ms. Lerman have now?	Does Ms. Lerman have more or less than 12 stickers?	12-7=☐
	SRU	I	I had 13 Skittles. I ate 6 of the Skittles. How many Skittles do I have left?	Do I have more or less than 13 Skittles left?	13-6=☐

	PPW-WU	I	There are 4 chocolate cupcakes and 11 vanilla cupcakes in the box. How many cupcakes are in the box altogether?	Are there more or less than 11 cupcakes?	4+11=☐
	JRU	I	Madison has 5 books on her reading log. Then her mom put 14 more books on the reading log. How many books are on Madison's reading log altogether?	Does Madison have more or less than 14 books on her reading log?	5+14=☐
	JRU	I	There are 4 homework folders in the basket. Then 19 more scholars put their homework folder in the basket. How many homework folders are in the basket altogether?	Are there more or less than 19 homework folders in the basket?	4+19=☐
	PPW-WU	I	There are 8 boys on the playground and 13 girls on the playground. How many scholars are on the playground?	Will there be more or less than 13 scholars on the playground?	8+13=☐
1/14/2019	SRU	I	Jaylen had 14 Legos. He gave 5 Legos to his friend. How many Legos does Jaylen have left?	Does Jaylen have more or less than 14 Legos left?	14-5=☐
1/15/2019	SRU	I	Tyler had 13 blocks. He put 9 blocks away. How many blocks did Tyler have left?	Does Tyler have more or less than 13 blocks left?	13-9=☐
	CDU	II	I have 7 cousins. Tyler has 16 cousins. How many more cousins do I have than Tyler.	We are not asking comprehension questions for CDU problems.	7-3=☐
	CDU	II	Sydney has 9 crayons. Mekhi has 5 crayons. How many more crayons does Sydney have than Mekhi?	We are not asking comprehension questions for CDU problems.	9-5=☐
	M	II	There were 3 boxes of markers. Each box had 4 markers in it. How many markers were there altogether?	Were there more or less than 4 markers altogether?	4+4+4=☐
	M	II	Ms. Ellis has 4 boxes of paintbrushes. There are 4 brushes in each box. How many paintbrushes does Ms. Ellis have?	Does Ms. Ellis have more or less than 4 paintbrushes?	4+4+4+4=☐
	JRU	I	Alyssa had 7 crayons. Her father gave her 18 more. How many crayons does Alyssa have now?	Does Alyssa have more or less than 18 crayons?	7+18=☐
	JRU	I	Jaylin had 9 M&M's. His brother gave him 17 more M&Ms. How many M&M's does Jaylin have now?	Does Jaylin have more or less than 17 M&M's?	9+17=☐
	PPW-WU	I	6 plain doughnuts and 16 chocolate doughnuts are in the box. How many doughnuts are in the box altogether?	Are there more or less than 16 doughnuts in the box?	6+16=☐
	SRU	I	There are 14 trays on the table. 8 scholars threw their tray away. How many trays are left on the table?	Are there more or less than 14 trays left on the table?	14-8=☐

	SRU	I	There are 15 books in the bin. Scholars took 9 books out of the bin. How many books are left in the bin?	Are there more or less than 15 books in the bin?	15-9=☐
	PPW-WU	I	There are 7 brown pencils and 19 yellow pencils in the cup. How many pencils are there altogether?	Are there more or less than 19 pencils in the cup?	7+19=☐
	CDU	II	I have 8 hats. Ms. Henry has 6 hats. How many more hats do I have than Ms. Henry?	We are not asking comprehension questions for CDU problems.	8-6=☐
	CDU	II	Moustafa has 11 markers. Nia has 4 markers. How many more markers does Moustafa have than Nia?	We are not asking comprehension questions for CDU problems.	11-4=☐
	JRU	I	Michael collected 6 Silly Bandz. For his birthday he received 11 Silly Bandz from his friends. His family gave him 5 more Silly Bandz. How many Silly Bandz does Michael have now?	Does Michael have more or less than 11 Silly Bandz?	6+11+5=☐
	JRU	I	I bought 3 gummy worms. Ms. Diaz gave me 16 gummy worms. Mr. Caraway gave me 7 gummy worms. How many gummy worms do I have altogether?	Do I have more or less than 16 gummy worms?	3+16+7=☐
	SRU	I	Mr. Geddes has 16 ties. He gave 7 ties to scholars. How many ties does he have left?	Does Mr. Geddes have more than or less than 16 ties left?	16-7=☐
	M	II	I have 3 bags of cookies. There are 5 cookies in each bag. How many cookies do I have?	Do I have more or less than 5 cookies?	5+5+5=☐
	M	II	My aunt bought 3 cartons of eggs. Each carton had 6 eggs in it. How many eggs did my aunt buy?	Did my aunt buy more or less than 6 eggs?	6+6+6=☐
	PPW-WU	I	There are 9 girls and 18 boys in karate class. How many scholars are in karate class?	Are there more or less than 18 scholars in karate class?	9+18=☐
	PPW-WU	I	Kiara has 8 orange marbles and 19 purple marbles. How many marbles does Kiara have altogether?	Does Kiara have more or less than 19 marbles?	8+19=☐
	SRU	I	Ms. Crichlow has 17 muffins for snack. She gave 9 muffins to scholars. How many muffins are left for snack?	Does Ms. Crichlow have more or less than 17 muffins left for snack?	17-9=☐
	MD	II	I have 6 Animal Crackers. I gave 3 Animal Crackers to each of my friends. How many friends received Animal Crackers?	Will more or less than 6 friends receive Animal Crackers?	3+3=6 or 6-3-3=0
	MD	II	Ms. Walsh has 9 pencils. She put 3 pencils in each cup. How many cups of pencils does she have?	Does Ms. Walsh have more or less than 9 cups of pencils?	3+3+3=9 or 9-3-3-3=0

	CDU	II	There are 12 girls on the rug. There are 7 boys on the rug. How many more girls or on the rug than boys?	We are not asking comprehension questions for CDU problems.	12-7=☐
	CDU	II	Alioune has 14 blocks. Josiah has 6 blocks. How many more blocks does Alioune have than Josiah?	We are not asking comprehension questions for CDU problems.	14-6=☐
	JRU	I	11 scholars climbed onto the bus. 15 more scholars climbed onto the bus. How many scholars were on the bus altogether?	Were there more or less than 15 scholars on the bus?	11+15=☐
	SRU	I	Madison had 20 marbles. 8 marbles fell out of her bag. How many marbles are left in her bag?	Does Madison have more or less than 20 marbles left in her bag?	20-8=☐
	SRU	I	Mr. Humphrey has 18 basketballs for sports. 11 scholars take basketballs. How many basketballs are left?	Does Mr. Humphrey have more or less than 18 basketballs left?	18-11=☐
	PD	II	I had 6 cookies. I gave the cookies to 3 of my friends so that each of my friends got exactly the same amount. How many cookies did each friend get?	Will each friend get more or less than 6 cookies?	6-2-2=0 or 2+2+2=6
	PD	II	I have 8 markers. I put the markers into 2 boxes with the same number of markers in each box. How many markers were in each box?	Are there more or less than 8 markers in each box?	8-4-4=0 or 4+4=8
	JRU	I	13 kindergarten scholars were on the playground. 17 first grade scholars went to the playground. How many scholars were on the playground altogether?	Were there more or less than 17scholars on the playground?	13+17=☐
	M	II	Simon has 5 baggies. He has 4 Oreos in each baggie. How many Oreos does Simon have?	Does Simon have more or less than 4 Oreos?	4+4+4+4+4=☐
	M	II	I bought 4 boxes of cupcakes. There were 6 cupcakes in each box. How many cupcakes did I buy?	Did I buy more or less than 6 cupcakes?	6+6+6+6=☐
	PPW-WU	I	Mikiah has a bag of lollipops. There are 7 red lollipops, 12 blue lollipops, and 3 yellow lollipops. How many lollipops does she have in the bag?	Does Mikiah have more or less than 12 lollipops?	7+12+3=☐
	PPW-WU	I	There are 8 purple markers, 15 red markers, and 5 green markers in a box. How many markers are in the box?	Are there more or less than 15 markers in the box?	8+15+5=☐
	SRU	I	There were 19 scholars on the bus. 11 scholars got off of the bus. How many scholars are left on the bus?	Are there more or less than 19 scholars left on the bus?	19-11=☐
	MD	II	I have 8 crayons. I put 4 crayons in each box. How many boxes of crayons do I have?	Do I have more or less than 8 boxes of crayons?	4+4=8 or 8-4-4=0

	MD	II	I have 14 M&M's. I gave 7 M&M's to each of my friends. How many friends received M&M's?	Will more or less than 14 friends receive M&M's?	7+7=14 or 14-7-7=0
	CDU	II	Rahnell has 16 stickers. Alexander has 9 stickers. How many more stickers does Rahnell have than Alexander?	We are not asking comprehension questions for CDU problems.	16-9=□
	CDU	II	Jaylin has 17 grapes. Mia has 8 grapes. How many more grapes does Jaylin have than Mia?	We are not asking comprehension questions for CDU problems.	17-8=□
	PD	II	Ms. Bell has 9 crayons. She gives the crayons to 3 scholars. Each scholar gets the same number of crayons. How many crayons does each scholar get?	Will each scholar get more or less than 9 crayons?	9-3-3-3=0 or 3+3+3=9
	PD	II	Ms. Ko had 10 snails. She put the snails into 5 tanks with the same number of snails in each tank. How many snails did she put in each tank?	Did Ms. Ko put more or less than 10 snails in each tank?	10-2-2-2-2-2=0 or 2+2+2+2+2=10
	JRU	I	Ms. Lerman's class needs 15 lunches for their trip. Ms. Haynes' class needs 16 lunches for the trip. How many school lunches do the classes need altogether?	Do the classes need more or less than 16 school lunches altogether?	15+16=□
	JRU	I	Rafael did 12 math facts on Monday. He did 24 math facts on Tuesday. How many math facts did Rafael do altogether?	Did Rafael do more or less than 24 math facts?	12+24=□
	SRU	I	Staci had 20 beads. She gave away 12 beads to her friends. How many beads does she have now?	Does Staci have more or less than 20 beads?	20-12=□
	SRU	I	Ms. Hinz collected 21 plastic bottles for science class. She used 13 of them for her first class. How many bottles does she have left?	Does Ms. Hinz have more or less than 21 bottles left?	21-13=□
	PPW-PPU	IV	I have 4 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?	We are not asking comprehension questions for PPW-PPU problems.	□+Δ=4
	M	II	There are 5 tables in Ms. O'Rourke's classroom. Each table has 5 scholars at it. How many scholars are in the room?	Does Ms. O'Rourke have more or less than 5 scholars in the classroom?	5+5+5+5+5=□
	M	II	Sasha had 7 bags of cookies. Each bag had 3 cookies in it. How many cookies did Sasha have altogether?	Does Sasha have more or less than 3 cookies?	3+3+3+3+3+3+3=□
	PPW-WU	I	I made 14 snowballs. Mr. Gerrity made 17 snowballs. How many snowballs did we make altogether?	Did we make more or less than 17 snowballs?	14+17=□
	PPW-WU	I	Rakiya has 13 carrots and 19 peas on her lunch tray. How many vegetables does she have altogether?	Does Rakiya have more or less than 19 vegetables on her tray?	13+19=□

	JRU	I	Jamari did 19 jumping jacks. Then Jamari did 22 more jumping jacks. How many jumping jacks did Jamari do altogether?	Did Jamari do more or less than 22 jumping jacks altogether?	$19+22=\square$
	MD	II	I baked 12 cupcakes. I put them in boxes with 2 cupcakes in each box. How many boxes of cupcakes do I have?	Do I have more or less than 12 boxes of cupcakes?	$2+2+2+2+2+2=12$ or $12-2-2-2-2-2-2=0$
	MD	II	I have 18 books. I put 6 books in each book baggie. How many book baggies do I have?	Do I have more or less than 18 book baggies?	$6+6+6=18$ or $18-6-6-6=0$
	SRU	I	There were 23 tiles in Abraham's counting jar. He took 16 tiles out of the jar. How many tiles are left in Abraham's counting jar?	Does Abraham have more or less than 23 tiles left in his counting jar?	$23-16=\square$
	SRU	I	Ms. Henry had 22 prizes. She gave away 14 prizes. How many prizes does Ms. Henry have left?	Does Ms. Henry have more or less than 22 prizes left?	$22-14=\square$
	PPW-PPU	IV	I have 5 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?	We are not asking comprehension questions for PPW-PPU problems.	$\square+\Delta=5$
	PD	II	12 scholars were having a picnic at the park. There are 3 blankets for everyone to sit on with the same number of scholars on each blanket. How many scholars are on each blanket?	Will there be more or less than 12 scholars on each blanket?	$12-4-4-4=0$ or $4+4+4=12$
	PD	II	Ms. Manning had 16 pieces of candy. She put the candy into 4 bags with the same number of candies in each bag how many candiess did she put in each bag?	Will there be more or less than 16 candies in each bag?	$16-4-4-4-4=0$ or $4+4+4+4=16$
	PD	II	I had 15 stickers. I gave the stickers to 5 of my friends so that each of my friends got exactly the same amount. How many stickers did each friend get?	Will each friend get more or less than 15 stickers?	$15-3-3-3-3-3=0$ or $3+3+3+3+3=15$
	PD	II	I had 20 lunches. I put the lunches into 4 bags with the same number of lunches in each bag. How many lunches are in each bag?	Are there more or less than 20 lunches in each bag?	$20-5-5-5-5=0$ or $5+5+5+5=20$
	CDU	II	Kaylanie has 20 Goldfish crackers. Heaven has 11 Goldfish crackers. How many more crackers does Kaylanie have than Heaven?	We are not asking comprehension questions for CDU problems.	$20-11=\square$
	CDU	II	Omar had 22 Cheerios in his bowl. Julius had 9 Cheerios in his bowl. How many more Cheerios did Omar have than Julius?	We are not asking comprehension questions for CDU problems.	$22-9=\square$
	PD-ES	II	Two children want to share 3 sandwiches so that everyone gets exactly the same amount. How much sandwich can each child have?	Will each child have more or less than 3 sandwiches?	$1\frac{1}{2} + 1\frac{1}{2} = 3$
	PPW-WU	I	Jonathan has some socks. He has 11 black socks, 16 blue socks, and 4 white socks. How many socks does Jonathan have altogether?	Does Jonathan have more or less than 16 socks?	$11+16+4=\square$

	PPW-WU	I	In the prize box, there are 12 Slinkies, 18 erasers, and 7 bouncy balls. How many prizes are in the box?	Are there more or less than 18 prizes in the prize box?	12+18+7=☐
	MD	II	There are 18 muffins. Each scholar gets 2 muffins. How many scholars receive muffins?	Will more or less than 18 scholars receive muffins?	2+2+2+2+2+2+2+2+2=18 or 18-2-2-2-2-2-2-2-2-2=0
	MD	II	Ms. Palermo has 21 markers. They are packed 3 markers to a box. How many boxes of markers does she have?	Does Ms. Palermo have more or less than 21 boxes of markers?	3+3+3+3+3+3+3=21 or 21-3-3-3-3-3-3-3=0
	PD-ES	II	Two children want to share 5 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
	PD	II	Ms. Kotel had 18 muffins. She put the same number of muffins into 9 boxes. How many muffins are in each box?	Did Ms. Kotel put more or less than 18 muffins in each box?	18-2-2-2-2-2-2-2-2-2=0 or 2+2+2+2+2+2+2+2+2=18
	PD	II	I had 18 pepperonis. I put the pepperonis onto 3 pizzas with the same number of pepperonis on each pizza. How many pepperonis are on each pizza?	Are there more or less than 18 pepperonis on each pizza?	18-6-6-6=0 or 6+6+6=18
	PPW-PPU	IV	I have 6 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?	We are not asking comprehension questions for PPW-PPU problems.	☐+△=6
	M	II	Emily has 5 packets of Smarties. There are 6 Smarties in each packet. How many Smarties does Emily have?	Does Emily have more or less than 6 Smarties?	6+6+6+6+6=☐
	M	II	I have 8 cups of pencils. There are 3 pencils in each cup. How many pencils do I have altogether?	Do I have more or less than 3 pencils?	3+3+3+3+3+3+3+3=☐
	SRU	I	Mr. Olinsky had 21 Smencils. He gave out 12 Smencils. How many Smencils does he have left?	Does Mr. Olinsky have more or less than 21 Smencils left?	21-12=☐
	SRU	I	Ms. Hickman had 23 Beyond Z stickers. She gave out 17 stickers. How many stickers does she have left?	Does Ms. Hickman have more or less than 23 stickers left?	23-17=☐
	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
	JRU	I	I did 14 sit-ups. Then I did 25 more sit-ups. How many sit-ups did I do altogether?	Did I do more or less than 25 sit-ups?	14+25=☐
	JRU	I	Makayla put 16 pennies in her piggy bank. Then she put 23 more pennies in her piggy bank. How many pennies did Makayla put in the piggy bank altogether?	Did Makayla put more or less than 23 pennies in her piggy bank?	16+23=☐

	CDU	II	Muhammed has 23 books. Zach has 8 books. How many more books does Muhammed have than Zach?	We are not asking comprehension questions for CDU problems.	23-8=□
	CDU	II	The red table has 25 table points. The green table has 17 table points. How many more table points does the red table have than the green table?	We are not asking comprehension questions for CDU problems.	25-17=□
	PD-ES	II	Four children want to share 6 brownies so that each child gets exactly the same amount. How much brownie can each child have?	Will each child have more or less than 6 brownies?	1½ +1½ + 1½ + 1½ =6
	M	II	Ms. Delany has 9 boxes of markers. There are 3 markers in each box. How many markers does Ms. Delany have?	Does Ms. Delany have more or less than 9 markers?	3+3+3+3+3+3+3+3+3=□
	M	II	Robert had 4 packs of gum. Each packs contains 7 pieces of gum. How many pieces of gum does he have?	Does Robert have more or less than 7 pieces of gum?	7+7+7+7=□
	SRU	I	Foune had 22 beads in her hair. 18 beads fell out. How many beads are still in her hair?	Does Foune have more or less than 22 beads left in her hair?	22-18=□
	SRU	I	Mekhai's mom brought 24 cupcakes for his birthday. She gave 15 of them to scholars. How many cupcakes does she have left?	Does Mekhai's mom have more or less than 24 cupcakes left?	24-15=□
	PD-ES	II	Four 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
	JCU	III	Isaiah has 6 games for his Wii. How many more games does he need to have 11 games altogether?	Does Isaiah need more or less than 11 games?	6+□=11
	JCU	III	Roy has 7 coins in his coin collection. How many more coins does he need to have 12 coins altogether?	Does Roy need more or less than 12 coins?	7+□=12
	JRU	I	Joshua took 17 Legos from the box. Then he took 27 more Legos. How many Legos does Joshua have now?	Does Joshua have more or less than 27 Legos?	17+27=□
	M	II	Ms. Seagrave has 6 pages of stickers. Each page contains 6 stickers. How many stickers does she have?	Does Ms. Seagrave have more or less than 6 stickers?	6+6+6+6+6+6=□
	M	II	Ms. Chang ordered 4 pizza pies. Each pizza was cut into 8 slices. How many slices of pizza are there?	Are the more or less than 8 slices of pizza?	8+8+8+8=□
	MD	II	Ms. Burress has 15 cookies that she wants to put into boxes. She puts 3 cookies in each box. How many boxes will she need?	Does Ms. Burress need more or less than 15 boxes?	3+3+3+3+3=15 or 15-3-3-3-3-3=0

	MD	II	Genesis has 25 crayons that she wants to put into boxes. She put 5 crayons in each box. How many boxes will she use?	Will Genesis use more or less than 25 boxes?	5+5+5+5+5=25 or 25-5-5-5-5-5=0
	PPW-PPU	IV	Jonathan has 7 t-shirts in his drawer. Each one is either blue or orange. What could Jonathan have in his drawer? What are all the ways you could answer this question?	We are not asking comprehension questions for PPW-PPU problems.	□+∆=7
	SCU	III	Keagan has 11 grapes in his bag. He ate some of them for snack. Now he has 6 grapes in his bag. How many grapes did Keagan eat for snack?	Does Keagan eat more or less than 11 grapes for snack?	11-□=6
	SCU	III	Jamar has 12 tiles in his counting jar. He takes some of the tiles out of the jar. Now he has 3 tiles left in his jar. How many tiles did Jamar take out?	Did Jamar take more or less than 12 tiles out of the jar?	12-□=3
	PD	II	Mr. Green had 21 books. He put the books into 3 book baggies with the same number of books in each baggie. How many books did he put into each baggie?	Did Mr. Green put more or less than 21 books in each book baggie?	21-7-7-7=0 or 7+7+7=21
	PD	II	Kristian had 26 Skittles. She gave the Skittles to 5 of her friends so that each friend got exactly the same number of Skittles. How many Skittles did she give each friend?	Did each friend get more or less than 26 Skittles?	26-5-5-5-5-5-1=0 or 5+5+5+5+5+1=26
	PD-ES	II	Two children want to share 9 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 9 brownies?	4½ + 4½ = 9
	PPW-PU	III	Mr. Benanti had a bag of 13 balls for sports. 7 were footballs and the rest were baseballs. How many baseballs did Mr. Benanti have?	Did Mr. Benanti have more or less than 13 baseballs?	7+□=13 or □+7=13
	PPW-PU	III	I saw 16 animals at the park. 9 were squirrels and the rest were dogs. How many dogs did I see?	Did I see more or less than 16 dogs at the park?	9+□=16 or □+9=16
	JCU	III	Devon has 11 blocks in his tower. How many more blocks does Devon need to have 19 blocks altogether?	Does Devon need more or less than 19 blocks?	11+□=19
	JCU	III	The red table has 12 table points. How many more table points does the red table need to have 21 points?	Does the red table need more or less than 21 points?	12+□=21
	PD-ES	II	Two children share 11 grapes. How many grapes will each child get?	Will each child get more or less than 11 grapes?	5½ + 5½ = 11
	PPW-WU	I	Ms. Royes has some books in a bin. 17 are fiction and 23 are non-fiction. How many books does Ms. Royes have altogether?	Does Ms. Royes have more or less than 23 books?	17+23=□
	PPW-WU	I	Sara has some candy. She has 14 M&M's and 27 Skittles. How many pieces of candy does she have?	Does Sara have more or less than 27 pieces of candy?	14+27=□

	MD	II	Ms. Ellis has 12 paintbrushes that she wants to put into boxes with 4 paintbrushes in each box. How many boxes will she need?	Does Ms. Ellis need more or less than 12 boxes?	4+4+4=12 or 12-4-4-4=0
	MD	II	I have 30 cookies that I want to put into bags with 6 cookies in each bag. How many bags will I need?	Will I need more or less than 30 bags?	6+6+6+6+6=30 or 30-6-6-6-6-6=0
	PD-ES	II	Four children want to share 22 Munchkins so each child gets the same amount. How many Munchkins will each child get?	Will each child get more or less than 22 Munchkins?	5½ + 5½ + 5½ + 5½ = 22
	CDU	II	I have 27 scarves. Mrs. Ansari has 12 scarves. How many more scarves do I have than Mrs. Ansari?	We are not asking comprehension questions for CDU problems.	27-12=□
	CDU	II	Alyssa has 32 papers in her folder. Destiny has 13 papers in her folder. How many more papers does Alyssa have than Destiny?	We are not asking comprehension questions for CDU problems.	32-13=□
	SRU	I	Penn State has 32 bouncy balls. They gave another class 13 of the bouncy balls. How many bouncy balls does Penn State have left?	Does Penn State have more or less than 32 bouncy balls left?	32-13=□
	SRU	I	29 people were on the bus. 17 people got off. How many people are still on the bus?	Are there more or less than 29 people left on the bus?	29-17=□
	PPW-PPU	IV	I have 8 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?	We are not asking comprehension questions for PPW-PPU problems.	□+ Δ =8
	SCU	III	Ms. Hunter had 12 Beyond Z cards. She passed out some of the cards. Now she has 5 cards left. How many cards did Ms. Hunter pass out?	Does Ms. Hunter pass out more or less than 12 cards?	12-□=5
	SCU	III	I had 14 grapes in my bowl. I ate some of the grapes. Now I have 8 grapes left. How many grapes did I eat?	Did I eat more or less than 14 grapes?	14-□=8
	PD	II	Mr. Egan had 30 folders. He put the folders on 6 tables with the same number of folders on each table. How many folders did he put on each table?	Did Mr. Egan put more or less than 30 folders on each table?	30-5-5-5-5-5-5=0 or 5+5+5+5+5+5=30
	PD	II	Matt had 29 apples. He put the apples in 4 boxes with the same number of apples in each box. How many apples were in each box?	Are there more or less than 29 apples in each box?	29-7-7-7-7-1=0 or 7+7+7+7+1=29
	PD-ES	II	Four 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
	PPW-PU	III	There are 15 flowers in my vase. 6 are white and the rest are yellow. How many flowers are yellow?	Do I have more or less than 15 yellow flowers?	6+□=15 or □+6=15

	PPW-PU	III	The peddler had 19 caps. 8 were brown and the rest were red. How many caps were red?	Did the peddler have more or less than 19 red caps?	8+□=19 or □+8=19
	M	II	Ms. Angeles has 5 plates. She puts 7 orange slices on each plate. How many orange slices does Ms. Angeles have?	Does Ms. Angeles have more or less than 7 orange slices?	7+7+7+7+7=□
	M	II	The train had 7 cars. There were 6 people in each car. How many people were on the train?	Were there more or less than 6 people on the train?	6+6+6+6+6+6+6=□
	PD-ES	II	Two 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
	JCU	III	Genesis has 11 stickers. How many more stickers does she need to have 23 stickers?	Does Genesis need more or less than 23 stickers?	11+□=23
	JCU	III	Malik has 12 crayons. How many more crayons does he need to have 26 crayons?	Does Malik need more or less than 26 crayons?	12+□=26
	PPW-WU	I	Penn State has 16 Biscuit books and 25 Froggy books. How many books does Penn State have altogether?	Does Penn State have more or less than 25 books?	16+25=□
	PPW-WU	I	On the soccer field there were 15 first graders and 28 kindergartners. How many scholars were on the soccer field?	Were there more or less than 28 scholars on the soccer field?	15+28=□
	PD-ES	II	Four 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
	CDU	II	Tariq got 33 tickets from Chuck e Cheese. Jael got 16 tickets. How many more tickets does Tariq have than Jael?	We are not asking comprehension questions for CDU problems.	33-16=□
	CDU	II	Ajeyah read 35 books. Cerentiy read 27 books. How many more books did Ajeyah read than Cerenity?	We are not asking comprehension questions for CDU problems.	35-27=□
	MD	II	I bought 15 tomatoes. There were 3 tomatoes in each bag. How many bags of tomatoes did I buy?	Did I buy more or less than 15 bags of tomatoes?	3+3+3+3+3=15 or 15-3-3-3-3-3=0
	MD	II	Ms. Reid has 16 stickers. There are 4 stickers on each page. How many pages of stickers does Ms. Reid have?	Does Ms. Reid have more or less than 16 pages of stickers?	4+4+4+4=16 or 16-4-4-4-4=0
	PPW-PPU	IV	I have 9 stickers on a page. Each sticker is either a star or a heart. What could I have on my page? What are all the ways I could answer this question?	We are not asking comprehension questions for PPW-PPU problems.	□+ Δ =9

	SCU	III	Layla has 13 French fries. She ate some of them. Now she has 4 French fries left. How many French fries did Layla eat?	Did Layla eat more or less than 13 French fries?	13-☐=4
	SCU	III	There are 15 bees in the garden. Some of them fly away. Now there are 6 bees in the garden. How many bees flew away?	Did more or less than 15 bees fly away?	15-☐=6
	PD	II	Elijah had 24 pencils. He put the pencils in 4 boxes with the same number of pencils in each box. How many pencils were in each box?	Did Elijah have more or less than 24 pencils in each box?	24-6-6-6-6=0 or 6+6+6+6=24
	PD	II	Mckenzie had 28 crayons. She put the crayons in 3 boxes with the same number of crayons in each box. How many crayons were in each box?	Did Mckenzie have more or less than 28 crayons in each box?	28-9-9-9-1=0 or 9+9+9+1=28
	PD-ES	II	Four 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-PU	III	There are 17 books in the basket. 4 of the books are level D and the rest of the books are level E. How many of the books are level E?	Are there more or less than 17 level E books?	4+☐=17 or ☐+4=17
	PPW-PU	III	There are 25 scholars playing in the park. 12 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 25 scholars on the slide?	12+☐=25 or ☐+12=25
	SRU	I	Ms. DeBlasio had 31 paper clips in her box. She used 19 of them. How many paper clips does Ms. DeBlasio have left in the box?	Does Ms. DeBlasio have more or less than 31 paper clips left in the box?	31-19=☐
	SRU	I	There were 35 birds sitting on the fence. 16 of them flew away. How many birds are still on the fence?	Are there more or less than 35 birds still sitting on the fence?	35-16=☐
	PD-ES	II	Two children want to share 21 cheeries so that each child gets exactly the same amount. How many cherries should each child get?	Will each child get more or less than 21 cherries?	10½ + 10½ = 21
	PPW-PPU	IV	Ms. Varney has 10 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?	We are not asking comprehension questions for PPW-PPU problems.	☐+Δ =10
	SCU	III	There are 16 leaves on the tree. Some of them fell off. Now there are 3 leaves on the tree. How many leaves fell off?	Did more or less than 16 leaves fall off of the tree?	16-☐=3
	JCU	III	Ethan has 13 baseball cards. How many more baseball cards does he need to have 27 baseball cards?	Does Ethan need more or less than 27 baseball cards?	13+☐=27
	JCU	III	Hassatou has 15 stickers on her sticker chart. How many more stickers does she need to have 24 stickers on her chart?	Does Hassatou need more or less than 24 stickers?	15+☐=24

	PD-ES	II	Four children want to share 26 grapes so that each child gets the same amount. How many grapes should each child get?	Will each child get more or less than 26 grapes?	6½ + 6½ + 6½ + 6½ = 26
	CDU	II	Jason had 36 pretzels. His sister, Ja'zayle, had 19 pretzels. How many more pretzels did Jason have than Ja'zayle?	*We are not asking comprehension questions for CDU problems.*	36-19=☐
	CDU	II	I have 39 prizes in my prize box. Ms. Richardson has 16 prizes in her prize box. How many more prizes do I have than Ms. Richardson?	*We are not asking comprehension questions for CDU problems.*	39-16=☐
	MD	II	Ms. Davis Dillard has 28 apples. There are 7 apples in each bag. How many bags are there?	Does Ms. Davis Dillard have more or less than 28 bags of apples?	7+7+7+7=28 or 28-7-7-7-7=0
	MD	II	There are 32 pencils. Ms. Kamin puts 8 pencils on each table. How many tables are there?	Are there more or less than 32 tables?	8+8+8+8=32 or 32-8-8-8-8=0
	SCU	III	Savannah had 17 erasers. She lost some of them. Now she has 6 erasers. How many erasers did Savannah lose?	Did Savannah lose more or less than 17 erasers?	17-☐=6
	SCU	III	Oded had 21 papers in her homework folder. Her mom threw some of the papers away. Now she has 8 papers in her homework folder. How many pieces of paper did Oded's mom throw away?	Did Oded's mom throw away more or less than 21 pieces of paper?	21-☐=8
	PD	II	There are 36 scholars at field day. Ms. Haynes put them into 9 groups with the same number of scholars in each group. How many scholars are in each group?	Will there be more or less than 36 scholars in each group?	36-4-4-4-4-4-4-4-4-4=0 or 4+4+4+4+4+4+4+4+4=36
	PD	II	Abibat has 44 hair beads. She wants to make 7 braids with the same number of beads in each braid. How many beads are in each braid?	Does Abibat have more or less than 44 beads in each braid?	44-7-7-7-7-7-7-2=0 or 7+7+7+7+7+7+2=44
	M-MG	II	There are 4 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 4 bananas?	½ + ½ + ½ + ½ = 2
	PPW-PU	III	There are 30 scooters in the gym closet. 14 of them are blue and the rest are yellow. How many scooters are yellow?	Are there more or less than 30 yellow scooters in the gym closet?	14+☐=30 or ☐+14=30
	PPW-PU	III	There are 33 toys at McDonalds. 16 of them are Mario toys and the rest are Luigi toys. How many toys are Luigi toys?	Are there more or less than 33 Luigi toys at McDonalds?	16+☐=33 or ☐+16=33
	M	II	Ms. Roe has 8 boxes of pencils. In each box there are 5 pencils. How many pencils does Ms. Roe have altogether?	Does Ms. Roe have more or less than 8 pencils?	5+5+5+5+5+5+5+5=☐
	M	II	There are 5 tables in the café. At each table there are 9 scholars. How many scholars are in the café altogether?	Are there more or less than 9 scholars in the café?	9+9+9+9+9=☐

| | 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 |