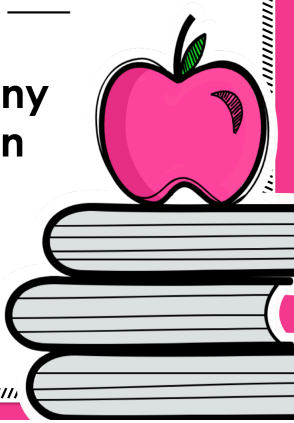


160 TEACHING SLIDES

Teaching slides come with 80 problems that have no numbers and 80 problems with numbers.

Sam read ___ books last week. He read ___ books over the weekend. How many books did he read in all?



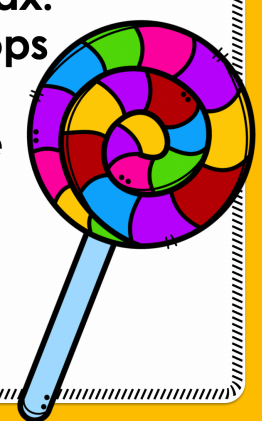
Join- Result Unknown

Lucky Little Learners

Joining Problems

Result Unknown
Change Unknown
Start Unknown

Sophie had ___ lollipops. She gave some to Max. Sophie had ___ lollipops left. How many lollipops did she give Max?



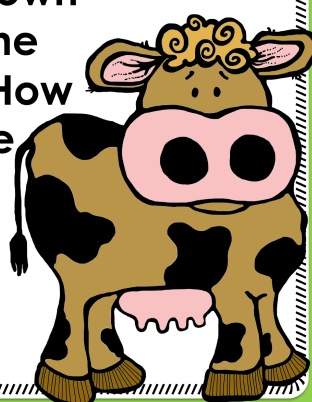
Separate- Change Unknown

Lucky Little Learners

Separating Problems

Result Unknown
Change Unknown
Start Unknown

There were ___ black calves and ___ brown calves eating in the tall green grass. How many calves were eating in the tall grass in all?



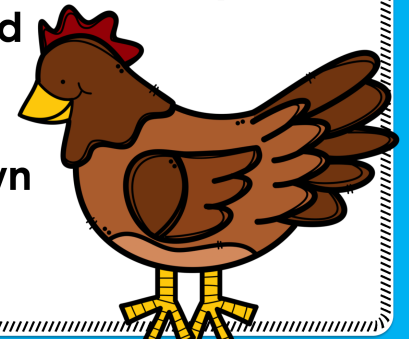
Part-Part Whole- Whole Unknown

Lucky Little Learners

Part Part Whole Problems

Whole Unknown
Part Unknown

The white chicken laid ___ eggs. The brown chicken laid ___ eggs. How many more eggs did the white chicken lay than the brown chicken?



Compare- Difference Unknown

Lucky Little Learners


Comparing Problems

Difference Unknown
Quantity Unknown
Referent Unknown

160 STUDENT PRINTABLES

Name Angie

There were 9 black calves and 9 brown calves eating in the tall green grass. How many calves were eating in the tall grass in all?




Show how you solved the problem.

xxxxx
9
xxxxx
9



Answer: 18

Name Angie

Jacob had 12 pet mice. Jeremy had 8 pet mice. How many more pet mice does Jacob have than Jeremy?



Show how you solved the problem.

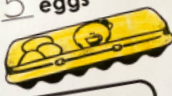
Jacob 
Jeremy 

$12 - 8 = 4$


Answer: 4 more mice

Name Angie

Mom had 18 eggs in the carton. She used 5 eggs when she made the chocolate cake. How many eggs are still in the egg carton?



Show how you solved the problem.



$18 - 5 = 13$


Answer: 13 eggs

Child-friendly format




Type of problem

Name Angie

The hen laid 4 eggs on Monday. On Wednesday, there were 9 eggs in all in the nest. How many eggs did the hen lay on Tuesday?



Show how you solved the problem.

MONDAY 4 	TUESDAY 5 
WEDNESDAY 9 	

$4 + 5 = 9$

Answer: 5 eggs

Work space

1/2 sheet to save on paper

Matches teaching slides

TYPES OF PROBLEMS POSTERS

JOINING

RESULT UNKNOWN

Joe had 6 pencils. Molly gave him 3 more pencils. How many pencils does Joe have now?

$6 + 3 = \underline{\quad}$

JOINING

START UNKNOWN

Joe had some pencils. Molly gave him 3 more pencils. Then, he had 9 pencils. How many pencils did Joe start with?

$\underline{\quad} + 3 = 9$

JOINING

CHANGE UNKNOWN

Joe had 6 pencils. Molly gave him some more. Then, Joe had 9 pencils. How many pencils did Molly give Joe?

$6 + \underline{\quad} = 9$

SEPARATING

START UNKNOWN

Joe had some pencils. He gave Sara 2 of them. He had 5 pencils left. How many pencils did Julie have to start with?

$\underline{\quad} - 2 = 5$

SEPARATING

CHANGE UNKNOWN

Joe had 7 pencils. He gave some to Molly. He had 5 pencils left. How many pencils did he give to Molly?

$7 - \underline{\quad} = 5$

SEPARATING

RESULT UNKNOWN

Joe had 7 pencils. He gave 2 of them to Molly. How many pencils did Joe have left?

$7 - 2 = \underline{\quad}$

PART PART WHOLE

PART UNKNOWN

Molly had 5 pencils. 4 were blue and the rest were red. How many red pencils did Molly have?

$4 + \underline{\quad} = 5$ or $5 - \underline{\quad} = 4$

PART PART WHOLE

WHOLE UNKNOWN

Joe had 4 blue pencils and 1 red pencil. How many pencils did Joe have altogether?

$4 + 1 = \underline{\quad}$

COMPARING

REFERENT UNKNOWN

Joe had 5 pencils. He had 2 more than Molly. How many pencils did Molly have?

$5 - 2 = \underline{\quad}$

Joe had 5 pencils. He had 2 less than Molly. How many pencils did Molly have?

$5 + 2 = \underline{\quad}$

COMPARING

QUANTITY UNKNOWN

Joe had 5 pencils. Molly had 2 more pencils than Joe. How many pencils did Molly have?

$5 + 2 = \underline{\quad}$

Joe had 5 pencils. Molly had 2 less pencils than Joe. How many pencils did Molly have?

$5 - 2 = \underline{\quad}$

COMPARING

DIFFERENCE UNKNOWN

Joe had 7 pencils. Molly had 5 pencils. How many more pencils did Joe have than Molly?

$7 - 5 = \underline{\quad}$ or $5 + \underline{\quad} = 7$

What are Numberless Word Problems?

Numberless word problems are designed to provide scaffolding that allows students the opportunity to develop a better understanding of word problems.

Word problems can be a tough concept for students to understand. Often times, students will see a word problem, pull the two numbers from the word problem, and then quickly add or subtract the two numbers without taking the time to fully process what it is that the word problem is asking.

Numberless word problems guide students through their thinking and reasoning as to why they are adding or why they are subtracting.

TYPES OF WORD PROBLEMS

JOINING

Result Unknown

$$6+3=\underline{\quad}$$

Joe had 6 pencils. Molly gave him 3 more pencils. How many pencils does Joe have now?

Change Unknown

$$6+\underline{\quad}=9$$

Joe had 6 pencils. Molly gave him some more. Then, Joe had 9 pencils. How many pencils did Molly give Joe?

Start Unknown

$$\underline{\quad}+3=9$$

Joe had some pencils. Molly gave him 3 more pencils. Then, he had 9 pencils. How many pencils did Joe start with?

SEPARATING

Result Unknown

$$7-2=\underline{\quad}$$

Joe had 7 pencils. He gave 2 of them to Molly. How many pencils did Joe have left?

Change Unknown

$$7-\underline{\quad}=5$$

Joe had 7 pencils. He gave some to Molly. He had 5 pencils left. How many pencils did he give to Molly?

Start Unknown

$$\underline{\quad}-2=5$$

Joe had some pencils. He gave Sara 2 of them. He had 5 pencils left. How many pencils did Julie have to start with?

PART PART WHOLE

Whole Unknown

$$4+1=\underline{\quad}$$

Joe had 4 blue pencils and 1 red pencil. How many pencils did Joe have altogether?

Part Unknown

$$4+\underline{\quad}=5 \text{ or } 5-\underline{\quad}=4$$

Molly had 5 pencils. 4 were blue and the rest were red. How many red pencils did Molly have?

COMPARING

Difference Unknown

$$7-5=\underline{\quad} \text{ or } 5+\underline{\quad}=7$$

Joe had 7 pencils. Molly had 5 pencils. How many more pencils did Joe have than Molly?

Quantity Unknown

$$5+2=\underline{\quad}$$

Joe had 5 pencils. Molly had 2 more pencils than Joe. How many pencils did Molly have?

$$5-2=\underline{\quad}$$

Joe had 5 pencils. Molly had 2 less pencils than Joe. How many pencils did Molly have?

Referent Unknown

$$5-2=\underline{\quad}$$

Joe had 5 pencils. He had 2 more than Molly. How many pencils did Molly have?

$$5+2=\underline{\quad}$$

Joe had 5 pencils. He had 2 less than Molly. How many pencils did Molly have?

Key Questions to Include:

- ▶ **What do you notice?**
- ▶ **What do you wonder?**
- ▶ **What do we know about this problem?**
- ▶ **What is happening?**
- ▶ **What else do we know?**
- ▶ **What question might we ask?**
- ▶ **How does the new information change or support your thinking?**
- ▶ **What questions could be asked?**

How to Use this Resource:

STEP 1: Show your students the numberless word problem.

STEP 2: Read the word problem together.

STEP 3: Ask questions about the word problem. (see previous slide)

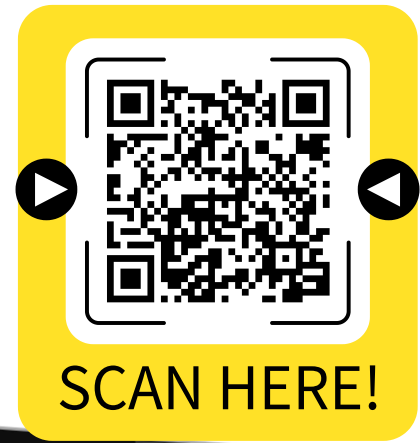
STEP 4: Show them the word problem with the numbers or give the students an opportunity to insert their own numbers and then solve together.

STEP 5: Discuss the different strategies that could be used to solve the word problem.

STEP 6: Have students solve the word problem on their own worksheet. (steps 4 & 5 could be skipped to have students solve independently.)

Weekly Email FREEBIES!

Grab a cup of coffee and take a few minutes with **our weekly newsletter** created just for teachers like you.



About Lucky Little Learners



Angie Olson has many years of classroom experience teaching grades kindergarten, first, and second grade. She earned her master's degree in mathematics and has presented for a variety of conferences at the national, state, and local levels. Over the years, Angie has employed teachers to help with Lucky Little Learners. She is proud of her talented team who strives to support the teaching community with her. Lucky Little Learners has created over 25,000 resources that are available in the All Access membership. Lucky Little Learners is also a top seller on Teachers Pay Teachers.