











SPECIAL ED

+ Solving Word Problems -

17. Lauren loves animals. She has 3 dogs and 2 cats. Her friend, Sue, brought her 4 goldfish. How many pets does Lauren have?






— + — + — = —

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1. Larry was walking through the forest. He saw squirrels collecting nuts for the winter. At first he saw 4 squirrels in a clearing, but he scared 2 away when he got closer. How many squirrels were left collecting nuts?

— - — = —

				
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INCLUDES GOOGLE SLIDES





This unit was created with this guy in mind. He has autism and an intellectual disability. He is a non-reader, can count to 20 but can't add at all. With some support he is able to do this unit, and enjoys the challenge. He is my tester!!

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6-7	Key words
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46-68	Individual subtraction word problems
69-70	Terms of use

In separate files, you will find:

- Lesson plan
- Voice recorded PowerPoints
- PowerPoint (this is the book in the lesson plan)
- Links and directions to digital versions of the activities
- Activities in black and white

This unit contains 2 weeks of printable and digital material.

The activities come in two separate files, one in color and one in black and white for easier printing.

Word Problems Lesson Plan

Preparation

- Books
 - Print out, laminate, and bind
- Gather manipulatives for hands on practice
- Hands on activities
 - Print out working mats and laminate
 - Print out word problem cards and laminate

Teaching Tips

1. **Color Coding:** this is a really easy way to add more structure to a matching activity. Outline or color in an empty box or sorting label. Outline or color in the corresponding picture symbols the same colors. Becomes a color matching task.
 - a. For more info, read more here: <https://specialneedsforspecialkids.org/2015/09/05/using-color-coding-for-differentiation/>
 - b. I also have a blog post on differentiating one activity 3 ways: <https://specialneedsforspecialkids.org/3-ways-easily-and-effectively/>
2. **Make your own copies of the activities:** E yesterday. For that reason:
 - a. I often complete the activity myself a that I could use year after year.
 - b. My copies were also helpful as either more support or as a way for more a work.
3. **Options for Use:** Turn any activity into a laminating and adding Velcro.
 - a. For more info, watch this video here <https://www.teacherspayteachers.com/Activities-3474240>
4. **Reteaching**
 - a. Often, my students do not learn ever uncommon for me to re-teach the er needed.

Quick Look

Day	Activity
1	<ul style="list-style-type: none"> • Book • Group addition problems • Addition word problems
2	<ul style="list-style-type: none"> • Book • Group addition problems • Addition word problems
3	<ul style="list-style-type: none"> • Book • Group addition problems • Addition word problems
4	<ul style="list-style-type: none"> • Book • Group addition problems • Addition word problems
5	<ul style="list-style-type: none"> • Book • Group addition problems • Addition word problems
	<ul style="list-style-type: none"> • Book

Day 1-5 (Addition Word Problems)

Activity	Notes	Materials
Read the book: Solving Word Problems (10 minutes)	<ul style="list-style-type: none"> • I recommend using the movie version or voice recorded PowerPoint Show that is animated and narrated • Encourage participation using the vocabulary board 	<ul style="list-style-type: none"> • Book • Vocabulary board
Group activity: Solving addition word problems (10 minutes)	<ul style="list-style-type: none"> • See activity for how to do this activity • Use different counters each day 	<ul style="list-style-type: none"> • Word problem mats • Counters • Word problem cards • Highlighters
Word problem review (5 minutes)	<ul style="list-style-type: none"> • Review one of the problems completed yesterday 	<ul style="list-style-type: none"> • Completed worksheet from yesterday
Solving addition word problems (15 minutes)	<ul style="list-style-type: none"> • There are 20 problems to work through over the course of 5 days • Have students go through the steps outlined in the PowerPoint • Use pictures on page to cut out and use to show what they learn when reading the problem • See differentiated example for students who need more structure 	<ul style="list-style-type: none"> • Worksheet • Scissors • Glue
Sharing (10 minutes)	<ul style="list-style-type: none"> • Each student shares their worksheet with the group using the communication method of their choice 	<ul style="list-style-type: none"> • Completed worksheets • Communication devices

The lesson plans contain:


- Overall tips for teaching students with significant needs
- A quick look at what you will do each day
- Detailed instructions on how that day's lesson should run

2

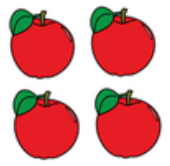
Next, draw the information that you know.

Patina picked some apples from the tree in her backyard. She picked 4 apples in the morning and 3 more in the afternoon. How many apples did Patina pick in total today?


Patina



Picked 4 apples in the morning



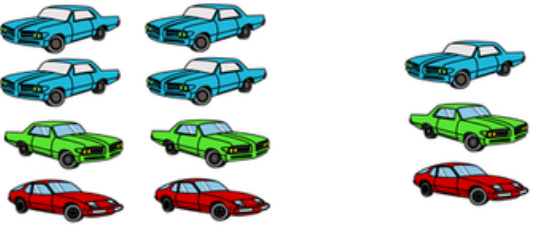
Picked 3 apples in the afternoon



3

Turn what you know into a math problem. Do you see any key words that could be a clue to the operation you need to use?

Bobby had 8 toy cars, but he gave 3 of them to his friend. How many toy cars does Bobby have left?

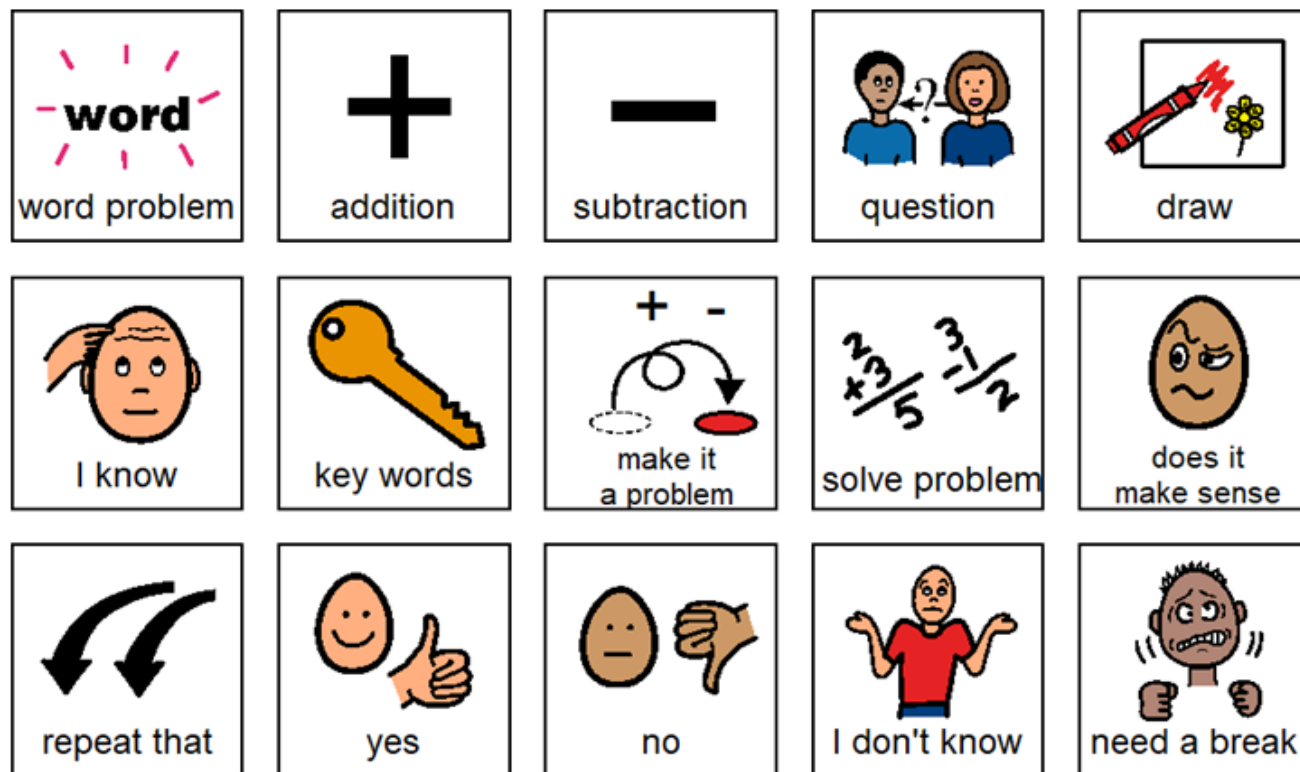


8 - 3 = ?

There is a 25 page book walking through the steps of solving a word problem.

They come in a PowerPoint version as well as a voice-recorded movie (mp4).

The movie is narrated and animated.



There is a vocabulary board for students who need more support and to encourage engagement and participation in group activities.

Addition



- Add
- Addition
- Sum
- Plus
- In addition to
- More than
- Total
- All together
- Both
- In all
- How many

Subtraction



- Subtract
- Decrease by
- Difference
- Less than
- Take away
- Minus
- How many **more**
- How much **more**
- Left
- Remain
- Fewer
- Less

There is a list of key words students can use when solving the problems.

This unit only covers addition and subtraction up to 10.

Group activity

There are 30 addition and 30 subtraction practice problems to use in small groups. There are also mats for students to work problems on.

$$\square + \square = \square$$

$$\begin{array}{ccc} \square & - & \square & = & \square \\ \text{bigger number} & & \text{smaller number} & & \end{array}$$

Jessica has 8 marbles. 6 of the marbles are red and the rest are white. How many marbles are white?

Sally and June collect money for the fun run. They collect a total of \$9.00. Sally collected \$6.00. How much did June collect?

Jim and Bill are shooting baskets. Bill makes 8 baskets and Jim makes 7 baskets. How many more baskets did Bill make than Jim?

Susie collects the eggs in the morning from the chickens. Penny laid 4 eggs and Henrietta laid 1 egg. How many more eggs did Penny lay than Henrietta?

George and Gary go fishing. George catches 7 fish and Gary catches 2 fish. How many more fish did George catch than Gary?

You are making a float for the parade. It will fit 6 people. If you and your best friend take up 2 spots, how many more people can ride on the float with you?

Dad went to the store. He picked up 4 apples, 2 oranges, and 1 bag of cookies. How many items are in his cart?

Gene loves lots of sunlight. There are 3 windows in the living room. There are 2 windows in the kitchen, and 1 window in the bathroom. How many windows are in his home?

Grampa mows lawns in the area. He has 1 riding mower and 4 push mowers. How many mowers does Grampa have?

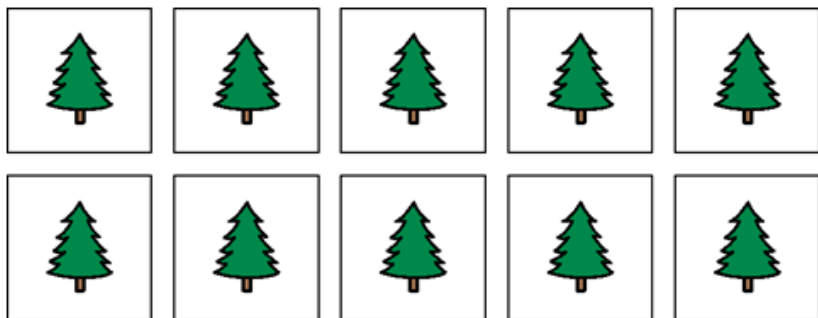
Jen wants to fill the flower bed. She wants to plant 4 daisies, 1 rose, and 3 marigolds. How many flowers will she plant in all?

For the party, Mom is buying balloons. She gets 2 red ones, 3 blue ones, 1 white one, and 1 pink balloon. How many balloons does she have for the party?

Farmer Joe raises pigs. Pigs can have a lot of babies at one time. Joe has 2 pigs. Each pig had 5 babies. How many baby pigs does Farmer Joe have?

11. The forest was dark at night, but Sally was not afraid. She knew if she counted the trees as she walked she would pass through the forest quickly. To her left she counted 6 trees and to her right she counted 4 trees. How many trees did she count?

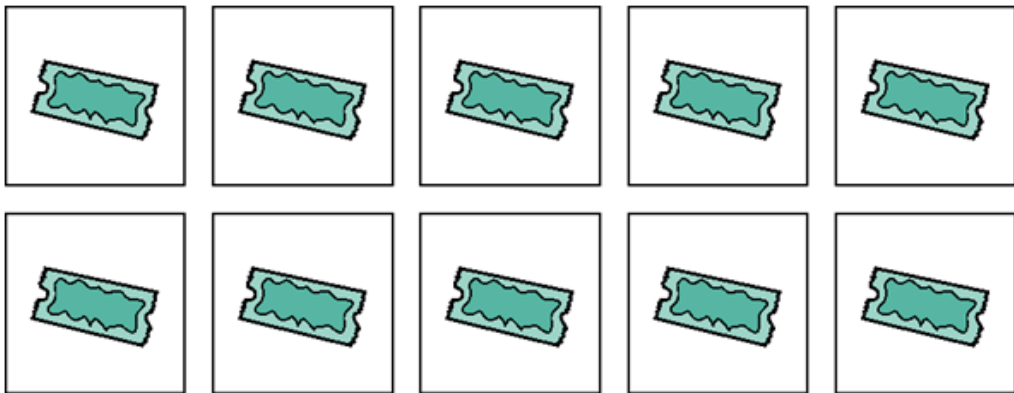
$$\underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad}$$



There are 20 addition word problems for students to work through first using pictures provided and then writing and solving the addition sentence.

14. Gina is going to the fair. She loves to ride on the rides. She gets 8 tickets from her Dad. The Ferris wheel takes 2 tickets. How many tickets does she have left?

_____ - _____ = _____



There are 20 subtraction word problems for students to work through first using pictures provided and then writing and solving the addition sentence.

Word Problems

Watch the movie on solving word problems

By Christa Joy

There are also digital versions of the printable activities included in this unit. There is a movie version of the book that is narrated and animated.

Great for review

Jimmy is making a pizza. He decides to put 4 pepperoni, 2 mushrooms, and 2 peppers on his pizza. How many toppings did Jimmy put on his pizza?

$$\square + \square + \square = \square$$

1. Use the pictures below to draw the problem.
2. Move the pictures you need into the large box below the problem.
3. Then type in the numbers in the blue boxes showing the math problem that goes with this word problem.

There may be more pictures than you need.



There is a set of slides for each learning level.

In this set of slides students will be typing in their answer in the blue boxes.

Perfect for all learning levels.

The football team stopped at McDonalds after the game. Everyone wants a hamburger. There are 10 kids on the team. They buy 8 hamburgers. How many more do they need?

$$\square - \square = \square$$

1. Use the pictures below to draw the problem.
2. Move the pictures you need into the large box below the problem.
3. Use the X to mark off those pictures you need to.
4. Then place the numbers in the colored boxes showing the math problem that goes with this word problem.

There may be more pictures than you need.



2 8 10

The digital versions of these extra worksheets have color-coded differentiation (shown here). There is NO typing required in this set of slides.

This resource comes in a zipped folder. You will need to unzip the folder to access all the contents which include:

- *Lesson plans*
- *Activities in color*
- *Activities in black and white*
- *Voice-recorded PowerPoint show*
- *Solving Story Problems (PowerPoint) to use with activities*
- *Links and directions to digital activities*