

Name _____

Date _____

Solving Problems Part 1 - Addition

When you solve a word problem, the first thing you need to do is decide which information in the problem is needed to solve the problem and which is not.

For example, suppose you have this problem to solve:

Jake earns \$5 an hour doing yard work in his neighborhood after school. On Monday, he spent 2 hours raking leaves for Mrs. Wilson. On Tuesday, he had a cub scout meeting. On Wednesday, he spent 2 hours pulling weeds and sweeping for Mr. Lakeland. How many hours did he work all together?

Since Jake did not work on Tuesday, the information about his cub scout meeting is not needed to solve the problem.

Jake worked for **2 hours on Monday** and **2 hours on Wednesday**. That information is important. The answer to the question is:

$$2 + 2 = 4$$

Jake worked for 4 hours all together.

Here is another example.

Katie loves art. She has a set of markers that is wearing out, so she wants to buy a new set. She also wants a set of watercolor paints. At the art shop, she sees this sign:

Watercolors	\$4
Crayons	\$2
Markers	\$3
Drawing Pencils	\$3

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Solving Problems Part 1 – Addition (cont'd)

How much money does Katie need to buy the two things she wants?

Since Katie does not want crayons or drawing pencils right now, the information about those two items is not important to solve the problem.

Katie wants **watercolors** for **\$4** and new **markers** for **\$3**. The answer to the question is:

$$\$4 + \$3 = \$7$$

Katie needs \$7 to buy new markers and watercolors.

Solving Problems Part 1 – Addition Answers

1. Kyle, Caitlin and Martin Jones decided to donate some items to the library book sale. Kyle donated 6 books to the library book sale. Caitlin donated 10 books. Martin Donated 3 videos. How many books did the Jones children donate?

$$6 + 10 = 16$$

The Jones children sold 16 books

2. Amanda earned \$5 doing chores for her mother. She earned \$12 by babysitting for 2 hours. She got \$20 for her birthday. How much did Amanda earn?

$$\$5 + \$12 = \$17$$

Amanda earned \$17

3. Mr. Phillips lives on a farm. Today he picked 5 apples, 4 figs, 2 pears and 6 tulips. How many pieces of fruit did he pick?

$$5 + 4 + 2 = 11$$

Mr. Phillips picked 11 pieces of fruit.

4. On our vacation, we spent 3 days at a hotel in Boston, 3 days camping in New Hampshire, and 5 days camping in Vermont. On the way home, we visited our Uncle in New York City for 2 days. How many days did we spend camping?

$$3 + 5 = 8$$

We spent 8 days camping.

Solving Problems Part 1 – Addition Answers (cont'd)

5. A farm sanctuary is a place where rescued farm animals live. One day last fall, I visited a farm sanctuary. I met 2 cows, 5 pigs, 7 chickens and 4 ducks. How many feathered friends I meet?

$$7 + 4 = 11$$

I met 11 feathered friends.

6. Our ice cream shop sells cones for \$2.50 and cups for \$2. This morning, we sold 1 cup and 2 cones. This afternoon, we sold 4 cups and 7 cones. This evening, we sold 6 cups and 5 cones. Which did we sell more of today, cups or cones?

$$1 + 4 + 6 = 11$$

We sold 11 cups.

$$2 + 7 + 5 = 14$$

We sold 14 cones.

We sold more cones than cups.