

Problem of the Day

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Purpose:

- To make sense of math word problems before solving
- To make connections between the story and the quantities.

Directions:

- _____ Use the following 15 problems or any math story problem.
- _____ An adult (or older child) needs to read with the child and ask the following questions.

_____ **Before solving the Problem**

- An adult (or older child) reads the problem and asks: ***What is the story about?***

Example: *Isabel had 19 Pokemon cards. Her mom gave her some more. Now she has 37 cards. How many Pokemon cards did Isabel's mom give her?*

This story is about Isabel having Pokemon cards and getting more from her mom

- Read the problem again and ask: ***What do the quantities (numbers, amounts) represent?***

The 19 represents the Pokemon cards Isabel has before she gets more.

The 37 represents how many cards she has after her mom gives her more.

The amount that is unknown is how many cards her mom gives her.

- Read the problem again and ask: ***What is the problem asking us to find out?***

We need to find out how many Pokemon cards Isabel's mom gave her.

Solving the Problem

[Example #1](#) [Example #2](#) [Example #3](#) [Example #4](#)

- The child should try to solve on their own using counters (coins, beads, paper clips, beans, buttons, etc..) and/or drawing visual representations (math pictures).
- The child should put written labels next to their visual representation or equations. The written labels identify the quantities.

$$19 + ? = 37$$

Cards before cards from mom total cards

$$19 + 18 = 37$$

- Child should answer the question with a complete sentence.

Isabel's mom gave her 18 cards.

Grade 2
Problem #11

Noah spent 45 minutes on his homework on Monday and Wednesday. He spent 23 minutes on Wednesday. How much time did he spend doing homework on Monday?

Solve the problem in a way that makes sense to you.

☐ *Draw a visual representation.*

☐ *Write equations.*

☐ *Write labels for the quantities.*

☐ *Answer the question with a complete sentence.*

Grade 2
Problem #12

Lance buys 48 eggs. He uses 24 of them for baking. Then he buys 18 more eggs. How many eggs does Lance have now?

Solve the problem in a way that makes sense to you.

☐ *Draw a visual representation.*

☐ *Write equations.*

☐ *Write labels for the quantities.*

☐ *Answer the question with a complete sentence.*

Grade 2
Problem #13

There are 29 red marbles, 35 green marbles, and 51 blue marbles in the bag. How many marbles are in the bag?

Solve the problem in a way that makes sense to you.

☐ *Draw a visual representation.*

☐ *Write equations.*

☐ *Write labels for the quantities.*

☐ *Answer the question with a complete sentence.*

Grade 2
Problem #14

25 wolves howl together in the woods. 14 wolves join them. Then 22 wolves run away. How many wolves are left?

Solve the problem in a way that makes sense to you.

☐ *Draw a visual representation.*

☐ *Write equations.*

☐ *Write labels for the quantities.*

☐ *Answer the question with a complete sentence.*

Grade 2
Problem #15

Malcolm has 38 seeds. Juan has 4 fewer seeds than Malcolm. Juan gives 8 seeds to his friend. How many seeds does Juan have now?

Solve the problem in a way that makes sense to you.

☐ *Draw a visual representation.*

☐ *Write equations.*

☐ *Write labels for the quantities.*

☐ *Answer the question with a complete sentence.*

Grade 2
Problem #16

The blue ribbon measures 32 centimeters. The red ribbon is 19 centimeters longer than the blue ribbon. How long is the red ribbon?

Solve the problem in a way that makes sense to you.

☐ *Draw a visual representation.*

☐ *Write equations.*

☐ *Write labels for the quantities.*

☐ *Answer the question with a complete sentence.*

Grade 2
Problem #17

Jacob did his homework in 52 minutes. Bryan did his homework in 27 minutes. How many more minutes did it take Jacob to do his homework than Bryan?

Solve the problem in a way that makes sense to you.

☐ *Draw a visual representation.*

☐ *Write equations.*

☐ *Write labels for the quantities.*

☐ *Answer the question with a complete sentence.*

Grade 2
Problem #18

Kevin has 15 photos in his scrapbook. He adds 21 photos. Then Kevin takes out some photos. Now he has 28 photos in the scrapbook. How many photos did Kevin take out?

Solve the problem in a way that makes sense to you.

☐ *Draw a visual representation.*

☐ *Write equations.*

☐ *Write labels for the quantities.*

☐ *Answer the question with a complete sentence.*

Grade 2
Problem #19

Dino has 41 crayons. He gives 23 crayons to Bridget, and 12 crayons to Dan. How many crayons does Dino have left?

Solve the problem in a way that makes sense to you.

☐ *Draw a visual representation.*

☐ *Write equations.*

☐ *Write labels for the quantities.*

☐ *Answer the question with a complete sentence.*

Grade 2
Problem #20

Norma has 48 buttons. Grace has 14 buttons. Connie has 29 buttons. How many fewer buttons does Connie have than Norma?

Solve the problem in a way that makes sense to you.

☐ *Draw a visual representation.*

☐ *Write equations.*

☐ *Write labels for the quantities.*

☐ *Answer the question with a complete sentence.*

Grade 2
Problem #21

Scott practiced shooting baskets on Friday. On Saturday, he practiced shooting baskets for 35 more minutes. He has practiced for a total of 60 minutes. How many minutes did he practice on Friday?

Solve the problem in a way that makes sense to you.

☐ *Draw a visual representation.*

☐ *Write equations.*

☐ *Write labels for the quantities.*

☐ *Answer the question with a complete sentence.*

Grade 2
Problem #22

A ribbon is 48 inches long. Chris cuts off some of it. Now it is 29 inches long. How much did Chris cut off?

Solve the problem in a way that makes sense to you.

☐ *Draw a visual representation.*

☐ *Write equations.*

☐ *Write labels for the quantities.*

☐ *Answer the question with a complete sentence.*

Grade 2
Problem #23

Tia's basketball team scored 61 points. They won by 23 points. How many points did the other team score?

Solve the problem in a way that makes sense to you.

☐ *Draw a visual representation.*

☐ *Write equations.*

☐ *Write labels for the quantities.*

☐ *Answer the question with a complete sentence.*

Grade 2
Problem #24

Robert has 40 blueberries. He has 15 more blueberries than Janessa. Amari has 5 fewer blueberries than Janessa. How many blueberries does Amari have?

Solve the problem in a way that makes sense to you.

☐ *Draw a visual representation.*

☐ *Write equations.*

☐ *Write labels for the quantities.*

☐ *Answer the question with a complete sentence.*

Grade 2
Problem #25

Kelly has 54 dollars. Sarah has 37 dollars. How much more money does Kelly have than Sarah?

Solve the problem in a way that makes sense to you.

☐ *Draw a visual representation.*

☐ *Write equations.*

☐ *Write labels for the quantities.*

☐ *Answer the question with a complete sentence.*