# Oprima para esta página en Español <br> Problem of the Day 

Day 11 | Day 12 | Day 13 | Day 14 | Day 15 | Day 16 | Day 17 | Day 18 | Day 19 | Day 20

## Day 21 | Day 22 | Day 23 | Day 24 | Day 25

## 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.
Another person needs to read with the student and ask the following questions.

## Before solving the Problem

- Another person with the student reads the problem and asks: What is the story about?

Example: Marco had 5 packs of Pokemon cards. Each pack has 10 cards. How many Pokemon cards does Marco have?

This story is about Marco having Pokemon cards.

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

The 5 represents the number of packs of Pokemon cards.
The 10 represents the number of cards in each (one) pack.
The amount that is unknown is how many cards Marco has.

- Read the problem again and ask: What is the problem asking us to find out? We need to find out how many Pokemon cards Marco has.


## Solving the Problem Example \#1 Example \#2 Example \#3

- The student should try to solve the problem on their own by drawing visual representations (math pictures) or by using different strategies.
- The student should put written labels next to their visual representations or equations. The written labels identify the quantities.

$$
\underset{\text { packs }}{5} \times \underset{\text { cards in pack }}{10} \underset{\text { total cards }}{?} \quad 5 \times 10=50
$$

- The student should answer the question with a complete sentence.

Marco has 50 Pokemon cards.

Adonis had 254 comic books and his brother had 31 comic books. They decided to donate some of their comic books to the public library. Now they have 138 comic books. How many comic books did they donate to the public library?

Solve the problem in a way that makes sense to you.
$\square$ Draw a visual representation.

- Write labels for the quantities.
- Write equations.
- Answer the question with a complete sentence.

A restaurant sells tacos and burritos. They sold 307 tacos and 27 burritos. At the end of the day they sold out of their tacos but there were 187 burritos left. How many burritos did the restaurant have to start with?

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

- Draw a visual representation.
- Write labels for the quantities.
- Write equations.
- Answer the question with a complete sentence.

When all students are present, Ms. Smith has 32 students in her class. Today, 4 students are absent. There are 7 tables in the school library. Mrs. Smith wants the same amount of students seated at each table. How many students will sit at each table?

Solve the problem in a way that makes sense to you.
$\square$ Draw a visual representation.

- Write labels for the quantities.
- Write equations.
- Answer the question with a complete sentence.

Mrs. Moore's third grade class wants to go on a field trip to the science museum. The cost of the trip is $\$ 245$. The class can earn money by running the school store for 6 weeks. The students can earn $\$ 10$ each week if they run the store. How much more money does the third grade class still need to earn to pay for their trip?

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

- Draw a visual representation.
- Write labels for the quantities.
- Write equations.
- Answer the question with a complete sentence.

Kim's black kitten weighs $\mathbf{1 7 5}$ grams. Her gray kitten weighs $\mathbf{4 3}$ grams less than the black kitten. What is the total weight of the two kittens?

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

- Draw a visual representation.
- Write labels for the quantities.
- Write equations.
- Answer the question with a complete sentence.

The third graders were setting up chairs for a school performance. They set up 9 rows of chairs. Each row had 8 chairs in it. The principal moved 9 of the chairs to the office. How many chairs are set up for the school performance now?

Solve the problem in a way that makes sense to you.
$\square$ Draw a visual representation.

- Write labels for the quantities.
- Write equations.
- Answer the question with a complete sentence.

Samuel works at a bakery. Yesterday, he baked 135 cookies. Unfortunately, he burned 107 of the cookies. He threw away the burnt cookies. With the cookies that were not burnt, he wants to make bags of cookies with 4 cookies in each bag. How many bags does he need?

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

- Draw a visual representation.
- Write labels for the quantities.
- Write equations.
- Answer the question with a complete sentence.

There are seven pencil boxes in Mr. Scott's classroom. Each box contains 4 red pencils, 2 blue pencils and 3 green pencils. How many more red pencils are there in Mr. Scott's classroom than green pencils?

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

- Draw a visual representation.
- Write labels for the quantities.
- Write equations.
- Answer the question with a complete sentence.

Nina can practice a song 3 times in an hour. If she wants to practice the song 21 times, how many hours does she need to practice?

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.


## Dina drew 6 triangles and 3 squares. How many sides did Dina draw in all?

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

- Draw a visual representation.
- Write labels for the quantities.
- Write equations.
- Answer the question with a complete sentence.

Maude hung 4 pictures on her wall. Each picture measures 3 inches by 5 inches. What is the total area of the wall covered by the pictures?

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

- Draw a visual representation.
- Write labels for the quantities.
- Write equations.
- Answer the question with a complete sentence.

Masha had 120 stamps. First, she gave her sister half of the stamps and then she used three stamps to mail letters. How many stamps does Masha have left?

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

- Draw a visual representation.
- Write labels for the quantities.
- Write equations.
- Answer the question with a complete sentence.

Kami scored a total of 21 points during her basketball game. She made 6 two-point shots, and the rest were three-point shots. How many three-point shots did Kami make?

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

- Draw a visual representation.
- Write labels for the quantities.
- Write equations.
- Answer the question with a complete sentence.

Max's father gives the cashier \$20 to pay for 6 water bottles. The cashier gives him $\$ 8$ in change. How much does each water bottle cost?

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

- Draw a visual representation.
- Write labels for the quantities.
- Write equations.
- Answer the question with a complete sentence.

Grade 3
Problem \#25

## Greg has \$56. Tom has $\$ 17$ more than Greg. Jason has $\$ 8$ less than Tom. How much money does Jason have?

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

- Draw a visual representation.
- Write labels for the quantities.
- Write equations.
- Answer the question with a complete sentence.

