

method

(noun)

1. A **method** is a special procedure for doing something, usually in steps.
2. Long ago, people made butter by hand, but the modern **method**, or technique, is to use a large machine.
3. Which **method** do you prefer for cooking eggs?

value

(verb)

1. If you **value** someone's opinion, you think it is very important.
2. I **value**, or appreciate, your time, so I don't want to take up too much of it.
3. The jeweler took a long time to **value**, or appraise, the necklace.

explain

(verb)

1. Do you understand how airplanes are able to fly enough to **explain** it to me?
2. If you **explain** how to make a sandwich, you tell or show all the steps in the process.
3. This afternoon, our teacher will **explain**, or describe, what to do during a fire drill.

objective

(noun)

1. A goal or purpose that one is trying to achieve is an **objective**.
2. The army's **objective**, or aim, is to keep the peace.
3. My **objective** is to someday be in the Olympic Games.

Name: _____

INSTRUCTIONS: Record a vocabulary word in each word box. Then write a synonym and an antonym, draw a picture, and define each word. Use each word in a sentence on the back of this worksheet.

Word _____	Picture
Synonym _____	
Antonym _____	

Definition _____

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Skill Set 1-C: Analyzing Parts and Wholes

Some problems can have multiple parts. You can still use the part-whole model to help you solve these problems.

Example:

Jessica has a rock collection. She has 7 black rocks, 3 blue rocks, and 4 white rocks. How many rocks does Jessica have in her collection?

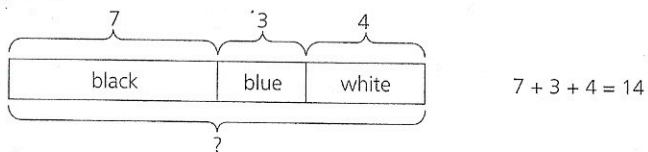


Think

- Identify the parts: 7 black rocks, 3 blue rocks, and 4 white rocks.
- Identify the whole: total number of rocks.
- Draw the part-whole model.
- Fill in the data to find the answer.



Solve



★ **Answer** There are **14 rocks** in Jessica's collection.

Challenge yourself!

5. Alvin has a book. He reads 6 pages on Monday, 8 pages on Tuesday, and 5 pages on Wednesday. How many pages does he read altogether?



Think



Solve



Answer

Skill Set 2-A: Comparing

Comparing is an effective way of identifying the relationship between the variables in a problem. Comparing the information in a problem helps us determine the differences in variables' quantities (for example, more or less).

Example:

Jayla has 6 apples. Renee has 2 more apples than Jayla. How many apples does Renee have?

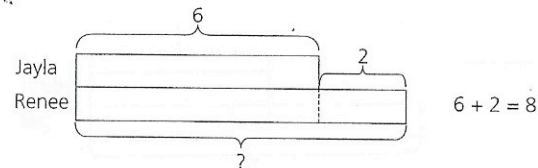


Think

- How many more apples does Renee have than Jayla?
- Draw the comparison model.
- Fill in the data to find the answer.



Solve



★ **Answer** Renee has **8 apples**.

Give it a try!

Adam has 7 toy cars. Barry has 3 more toy cars than Adam. How many toy cars does Barry have?

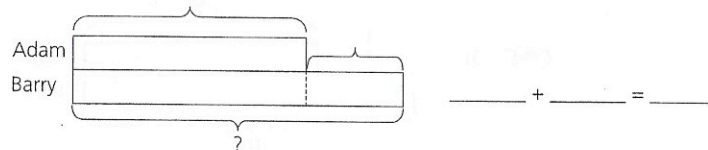


Think

Fill in the data to find the answer.



Solve



★ **Answer** Barry has _____ toy cars.

(Answer: 10)

Practice: Comparing


1. Daniel has 8 storybooks. He has 4 more comic books than storybooks. How many comic books does he have?

 **Think**


 **Solve**

 **Answer**

2. Mrs. Lee buys 10 roses. She buys 8 more carnations than roses. How many carnations does she buy?

 **Think**

 **Solve**


 **Answer**

Skill Set 2-B: Comparing


Sometimes, a problem involves subtraction instead of addition. Use the comparison model to solve the problem.

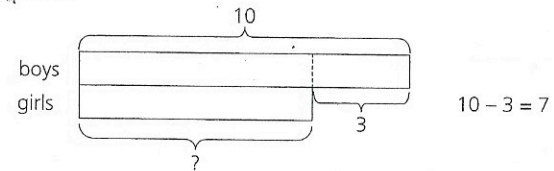
Example:


There are 10 boys in a class. There are 3 fewer girls in the same class. How many girls are in the class?

 **Think**

- How many fewer girls are there than boys?
- Draw the comparison model.
- Fill in the data to find the answer.


 **Solve**



 **Answer** There are **7 girls** in the class.

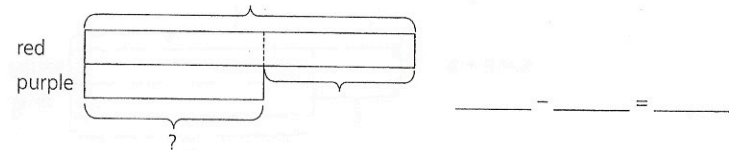
Give it a try!


Amy colors 13 roses red. She colors 6 fewer roses purple. How many roses does Amy color purple?

 **Think**

Fill in the data to find the answer.

 **Solve**



 **Answer** Amy colors _____ roses purple.

(Answer: 7)