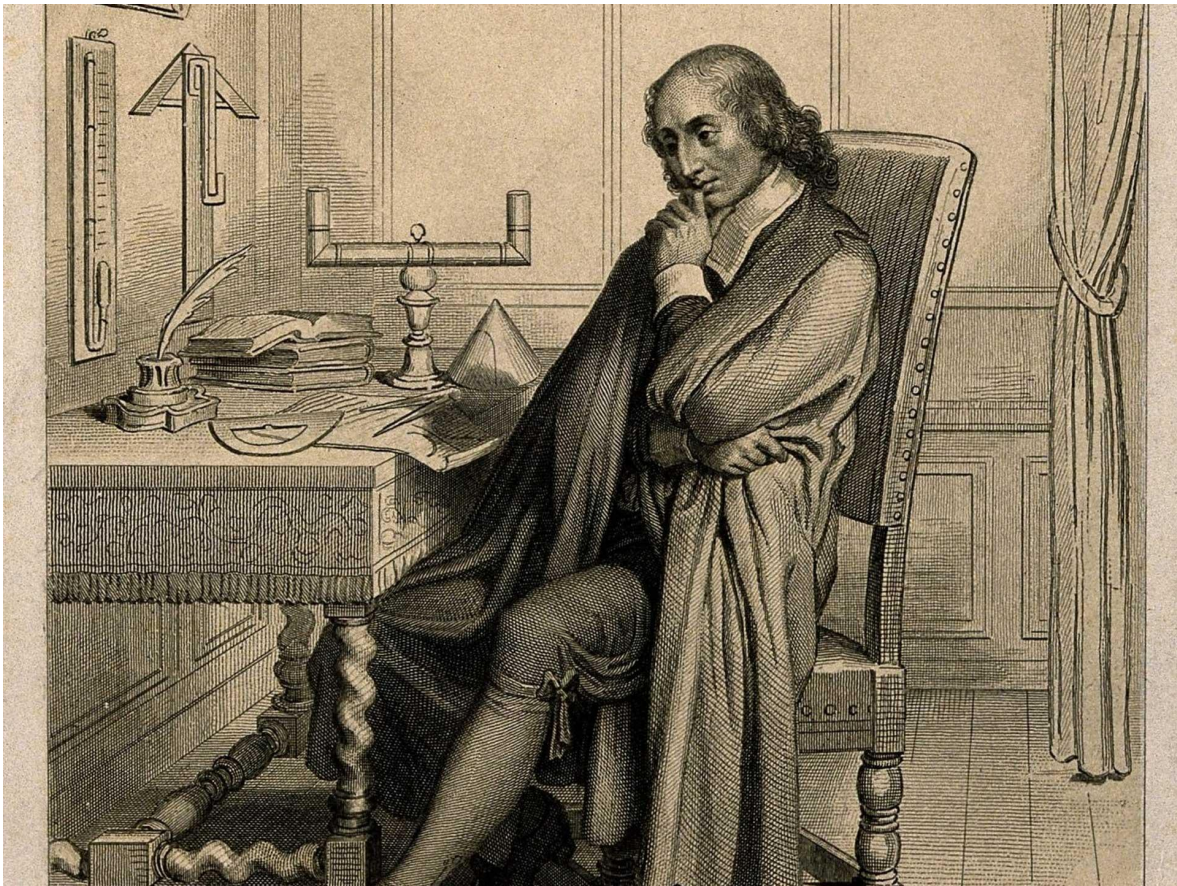


# Image Analysis: Notice & Wonder

**Directions:** Look at the image and write down 3 things you **notice** (key details, main ideas, or themes) and then write down 3 things you **wonder** (questions you have because of the image or things you are curious about when you look at the image).

What  
do you  
notice?



What  
do you  
notice?

# Read & Take Notes



**Directions:** Read the passage below. Take notes in the space provided.

Blaise Pascal was a very smart boy. He was born in France in 1623. His mom died when he was just three years old. His dad taught him at home. Pascal was very interested in math. He learned about shapes and how to make them. He even figured out that the angles in a triangle always add up to the same amount.

Pascal also invented a machine that could add and subtract numbers. It was called a Pascaline. He made this machine to help his dad with his work. Pascal was also a scientist. He studied how liquids work. He also wrote about religion. He wrote about God and how people should live their lives.

Pascal was a very smart and interesting person. He was a mathematician, a scientist, and a writer. He lived a short life, but he made many important discoveries. He was a very important person in history.

Take Notes Here

# Key Vocabulary

**Directions:** For each term, use the word in a sentence that shows you understand its definition. Then create an image to represent the term. Be ready to explain the image.

## Vocabulary Term

**angles**

*noun*

The space between two lines that meet at a point.

## Use It In A Sentence:

## An Image to Represent It:

## Vocabulary Term

**subtract**

*verb*

To take away one number from another.

## Use It In A Sentence:

## An Image to Represent It:

## Vocabulary Term

**invented**

*verb*

To create something new.

## Use It In A Sentence:

## An Image to Represent It:

## Vocabulary Term

**liquids**

*noun*

Things that are wet and flow, like water or juice.

## Use It In A Sentence:

## An Image to Represent It:

## Vocabulary Term

**religion**

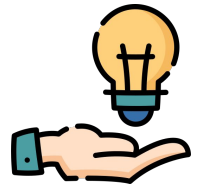
*noun*

A set of beliefs about God or gods and how to live a good life.

## Use It In A Sentence:

## An Image to Represent It:

# 3-2-1 Learning Reflection



**Directions:** Fill in the boxes below to reflect on your learning. Write down **three** new things you learned, **two** connections you made to what you already know, and **one** thing you want to learn more about.

## 3 THINGS I LEARNED

## 2 CONNECTIONS I MADE

## 1 THING I WANT TO LEARN MORE ABOUT

# Answer and Explain

**Directions:** For each question, answer the question and then explain why you picked the answer you did using specific evidence from the text.

**Question:**

1. What did Blaise Pascal invent to help his dad?

**Pick the Answer**

- A) A machine that could write
- B) A machine that could fly
- C) A machine that could draw
- D) A machine that could add and subtract numbers

**Explain: Why did you pick that answer?**

**Question:**

2. What did Blaise Pascal study as a scientist?

**Pick the Answer**

- A) How liquids work
- B) How stars move
- C) How animals behave
- D) How plants grow

**Explain: Why did you pick that answer?**

**Question:**

3. What did Blaise Pascal write about?

**Pick the Answer**

- A) Plants and how they grow
- B) Animals and how they live
- C) Stars and how they move
- D) God and how people should live their lives

**Explain: Why did you pick that answer?**

# Short Answer Questions

**Directions:** Answer each question in complete sentences. Use specific evidence from the text in each response.

**Question**

1. Where was Blaise Pascal born?

**Question**

2. What did Blaise Pascal learn about at home?

**Question**

3. What did Blaise Pascal figure out about triangles?

# Reflect and Discuss

**Directions:** Respond to the following question using the reading and your own knowledge and experiences. Be as thorough as possible.

1. Think about a time when you learned something new. What did you learn? How did you learn it? How did it make you feel?

**Write Your Response Here.** Be sure to use what you learned in the reading and your own knowledge and experiences to answer the question thoroughly.

**Directions:** When instructed, you will share your responses with your group. Take notes on their responses in the boxes below. Be sure to write their names at the top of each box.

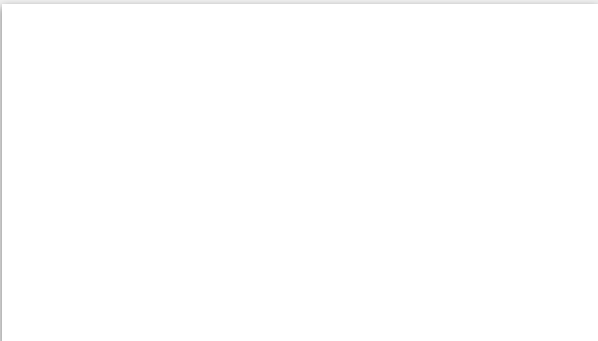
**Student #1:** \_\_\_\_\_



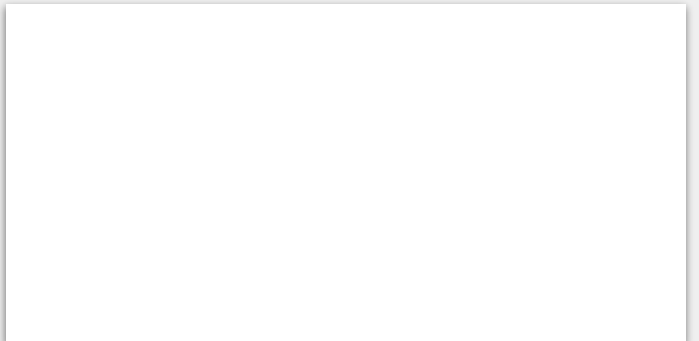
**Student #2:** \_\_\_\_\_



**Student #3:** \_\_\_\_\_



**Student #4:** \_\_\_\_\_



# Reflect and Discuss

**Directions:** Respond to the following question using the reading and your own knowledge and experiences. Be as thorough as possible.

**2. Pascal invented a machine to help his dad. What are some things you do to help your family?**

**Write Your Response Here.** Be sure to use what you learned in the reading and your own knowledge and experiences to answer the question thoroughly.

**Directions:** When instructed, you will share your responses with your group. Take notes on their responses in the boxes below. Be sure to write their names at the top of each box.

**Student #1:** \_\_\_\_\_

**Student #2:** \_\_\_\_\_

**Student #3:** \_\_\_\_\_

**Student #4:** \_\_\_\_\_



# Reflect and Discuss

**Directions:** Respond to the following question using the reading and your own knowledge and experiences. Be as thorough as possible.

**3. Pascal was a very smart person. What are some things you think make someone smart?**

**Write Your Response Here.** Be sure to use what you learned in the reading and your own knowledge and experiences to answer the question thoroughly.

**Directions:** When instructed, you will share your responses with your group. Take notes on their responses in the boxes below. Be sure to write their names at the top of each box.

**Student #1:** \_\_\_\_\_

**Student #2:** \_\_\_\_\_

**Student #3:** \_\_\_\_\_

**Student #4:** \_\_\_\_\_

# Vocabulary Flashcards

Print, cut, and fold to use as flashcards.

**angles**

*The space between two lines that meet at a point.*

**subtract**

*To take away one number from another.*

**invented**

*To create something new.*

**liquids**

*Things that are wet and flow, like water or juice.*

**religion**

*A set of beliefs about God or gods and how to live a good life.*

