

# CHARTS & GRAPHS

## COMPREHENSION PASSAGES

**DREAMSCAPE**

### E SUN'S IMPACT

Students are studying our solar system in... both surprised to discover how far they are from one another. Their teacher Mr. Rodriguez explained to them today, "Each planet in our solar system orbits the sun, as it moves around the sun. The distance from the sun changes depending on where the planet is in its orbit."

Mr. Rodriguez then shared the information in the book, "The Sun's Impact on Earth." It gave a general idea of the distance between the planets, in meters, or km. Kilometers are a unit of measurement used by the majority of people in the world.

Mr. Rodriguez explained how the distance from the sun affects the temperatures on planets. Mr. Rodriguez said, "The closer a planet is to the sun, the warmer the temperature is because the sun is so hot."

**DREAMSCAPE**

### MARCO POLO

Isabell and Meranda were learning about Marco Polo at school. Marco Polo was an explorer who traveled from Venice, Italy to Asia with hopes of creating a new trade route. Polo traveled with his father through land and sea to get to China, along a route now known as the Silk Road. The Silk Road is called the Silk Road because China was known for its beautiful silk fabrics, something people in Europe could not make themselves. Polo traveled to China, stayed there for 17 years, then returned to Italy. Isabell and Meranda found this map in a book titled, Marco Polo's Travels. The map depicts the route of his journey and the names of cities colonized during the 1200s. They used the map to learn more about Marco Polo's adventures.

#### THE ROUTE OF MARCO POLO'S JOURNEY

The map shows the route of Marco Polo's journey from Europe to Asia and back. The route starts in Venice, Italy, and goes east through Constantinople, Baghdad, Samarkand, Kashgar, Babel, Yarkand, and Dushanbe to China. The return journey goes west through Calicut, Sumatra, and the Cape of Good Hope back to Europe. The map also shows the names of cities colonized during the 1200s: Venice, Constantinople, Baghdad, Samarkand, Kashgar, Babel, Yarkand, Dushanbe, Calicut, and Sumatra. A compass rose indicates North, South, East, and West. A legend shows the 'Journey Out' (solid line) and 'Return Journey' (dashed line).

Read and observe the chart carefully, before answering the questions.

**DREAMSCAPE**

### BEST DEALS ON USED CARS

Xiao is researching trends in relation to the price of used cars. He collected the following data comparing the price of a used car to the age of the car.

#### PRICES OF USED CARS

The scatter plot shows the price of used cars in dollars versus the age of the car in years. The x-axis is labeled 'AGE OF CAR (YEARS)' and ranges from 0 to 10. The y-axis is labeled 'PRICE (DOLLARS)' and ranges from 0 to 26,000 in increments of 2,000. The data points show a clear downward trend, indicating that the price of a used car decreases as its age increases.

Age of Car (Years)	Price (Dollars)
1	24,000
2	22,000
3	20,000
4	18,000
5	16,000
6	14,000
7	12,000
8	10,000
9	8,000
10	6,000

Read and observe the chart carefully, before answering the questions.

NO PREP PRINT • ANSWER KEY  
• 5 - 8 GRADE SKILLS •



# ABOUT THIS PRODUCT

These graph and chart comprehension passages come directly from the game [Dreamscape](#) where students can build critical thinking skills while having fun!

This product includes 5 - 8 grade literacy skills and explores different graphs and charts. Each grade level has a series of long and short passages that can be utilized at any given time throughout the school year.

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This product includes **19 no-prep reading printables in color and B&W** and **5 no-prep answer key printables** that you may print and use. These printables can be used for guided reading discussions, independent work stations or while students play Dreamscape. Each page includes higher order thinking questions addressing *various reading skills at each grade level.*

Print this resource as a packet for your students to hold onto or print and distribute each page as you assign them.

*Contact us with any further questions about how to implement this resource in your classroom!*



# TERMS OF USE

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# MARCO POLO

Isabell and Meranda were learning about Marco Polo at school. Marco Polo was an explorer who traveled from Venice, Italy to Asia with hopes of creating a new trade route. Polo traveled with his father through water and land to get to China, along a route now known as the Silk Road. This route is called the Silk Road because China was known for its beautiful silk fabrics, something people in Europe could not make themselves and often traveled to Asia to get. Polo traveled to China, stayed there for about 17 years, then returned to Italy. Isabell and Meranda found this historical map in a book titled, Marco Polo's Travels. The map depicts the historical names of cities colonized during the 1200s. They used the map to learn more about Marco Polo's adventures.

## THE ROUTE OF MARCO POLO'S JOURNEY



*Read and observe the chart carefully, before answering the following questions.*

# MARCO POLO CONTINUED

---

**1. Using the map, what can Isabell and Meranda learn about Marco Polo's journey?**

- ☐ where his journey started
- ☐ where his journey ended
- ☐ what year he traveled
- ☐ how long it took him to travel

**2. Where did Marco Polo's journey start?**

- ☐ Venice, Italy
- ☐ Calicut, India
- ☐ Baghdad, Iraq
- ☐ Rome, Italy

**3. Based on the map, what could you conclude about Marco Polo's travels?**

- ☐ Marco Polo traveled by boat.
- ☐ Marco Polo traveled by land.
- ☐ Marco Polo only traveled across water.
- ☐ Marco Polo only traveled across land.

**4. To where did Marco Polo travel?**

- ☐ America
- ☐ Africa
- ☐ Asia
- ☐ Australia

**5. Marco Polo ended his travels in present day Italy.**

- ☐ TRUE
- ☐ FALSE

**6. Which of the following places did Marco Polo visit twice during his journey?**

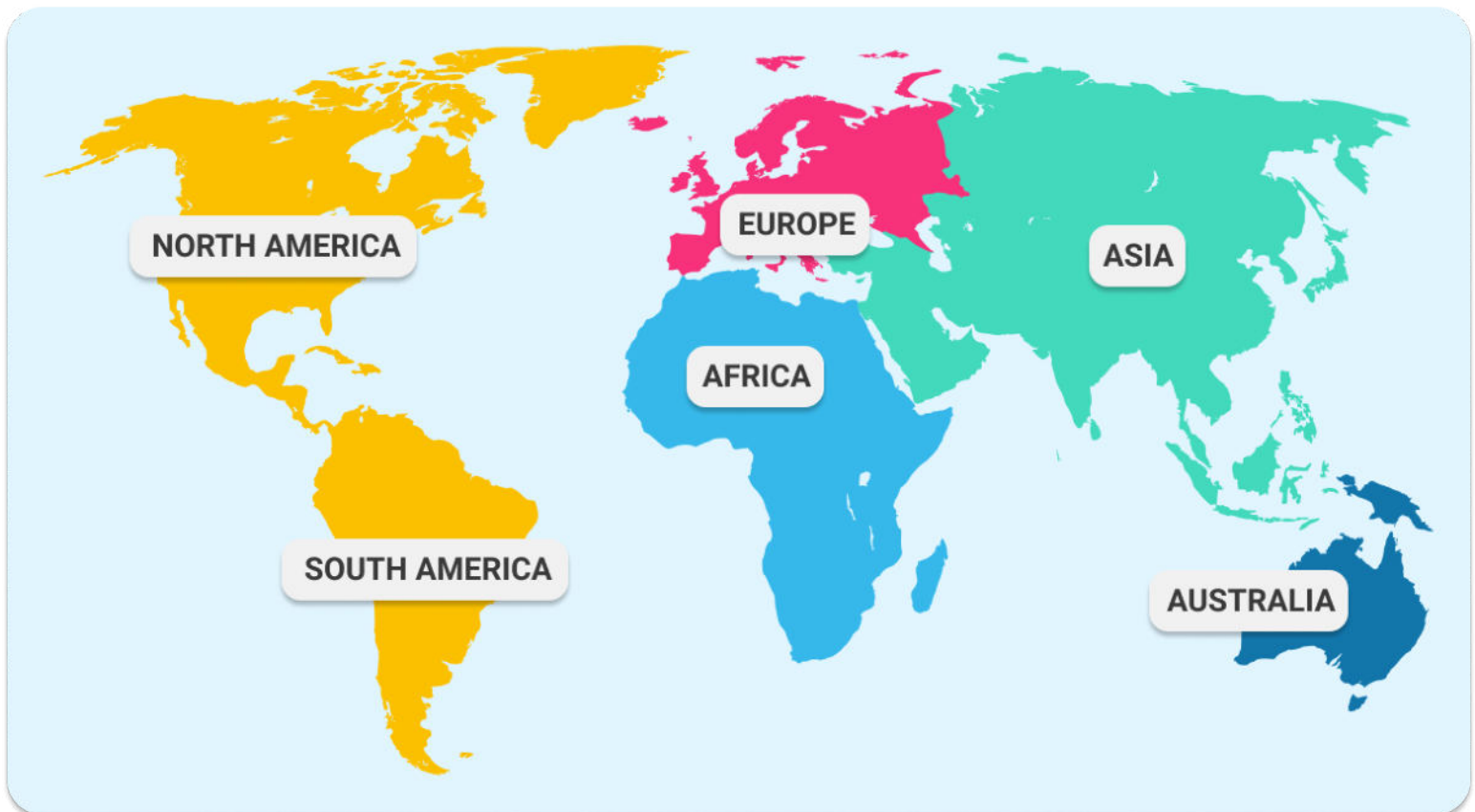
- ☐ Calicut
- ☐ Rome
- ☐ Baghdad
- ☐ Beijing



# THE CULTURAL FEATURES OF CONTINENTS

Karina is researching different continents around the world and their cultural features. She finds this book titled, *Continents*. She uses the Table of Contents to help her locate specific information she will need for her research.

## CONTINENTS



What are Continents? .....	Pg. 2
How many Continents? .....	Pg. 10
What is Culture? .....	Pg. 15
How Big, How Small? .....	Pg. 30
Life Around the World .....	Pg. 35

*Read and observe the chart carefully, before answering the following questions.*

# THE CULTURAL FEATURES OF CONTINENTS CONTINUED

---

**1. What will Karina most likely learn when she reads the section titled "What are Continents"?**

- ☐ how many continents there are
- ☐ the culture of each continent
- ☐ how people live on continents
- ☐ the definition and explanation of what a continent is

**2. What question can Karina answer by reading the section titled "Life around the World"?**

- ☐ How big are the continents?
- ☐ How is life different in different places?
- ☐ What kind of culture does Africa have?
- ☐ Where do I live?

**3. How many sections does this text have?**

- ☐ five
- ☐ six
- ☐ seven
- ☐ four

**4. In which chapter or section would Karina find information on the sizes of continents?**

- ☐ What are Continents?
- ☐ How Many Continents?
- ☐ What is Culture?
- ☐ How Big, How Small?

**5. Karina will NOT find information about culture in this text.**

- ☐ TRUE
- ☐ FALSE

# THE CULTURAL FEATURES OF CONTINENTS CONTINUED

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**6. Based on the table of contents, what are some topic-specific words Karina may learn?**

- ☐ continent, culture
- ☐ continent, area
- ☐ continent, animals
- ☐ land, water

**7. Karina will find information about the number of continents in the section titled, "How Many Continents"?**

- ☐ TRUE
- ☐ FALSE

**8. Where would Karina find information on culture?**

- ☐ page two
- ☐ page ten
- ☐ page fifteen
- ☐ page thirty-five

**9. Karina can infer that she will learn about culture from this text.**

- ☐ TRUE
- ☐ FALSE

**10. Which pages will most likely help Karina answer the question: What is life like for different cultures around the world?**

- ☐ pages five and ten
- ☐ pages ten and thirty-five
- ☐ pages fifteen and thirty-five
- ☐ pages two and ten



# THE SUN'S IMPACT

Trey and Devonte are studying our solar system in their science class and they were both surprised to discover how far the planets are from the sun and from one another. Their teacher Mr. Rodriguez explained the distance to them today. "Each planet in our solar system follows its own path, or orbit, as it moves around the sun. The distance from the planets to the sun changes depending on where they are in their orbits."

Mr. Rodriguez then shared the information in the chart below to give the students a general idea of the distance between the sun and each planet in kilometers, or km. Kilometers are a unit within the metric system that is used by the majority of people in the world to determine measurements.

Finally, he explained how the distance from the sun is one factor that impacts temperatures on planets. Mr. Rodriguez shared that, "The closer a planet is to the sun, the warmer the temperatures will be on that planet because the sun is so hot."

Notes:

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*Read and observe the chart on the next page carefully, before answering the following questions.*

# THE SUN'S IMPACT CONTINUED

PLANET	DISTANCE TO SUN (KM)
Mercury	57,910,006 km
Venus	108,199,995 km
Earth	149,599,951 km
Mars	227,939,920 km
Jupiter	778,330,257 km
Saturn	1,429,400,028 km
Uranus	2,870,989,228 km
Neptune	4,504,299,579 km

# THE SUN'S IMPACT CONTINUED

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**1. Which one of the planets below is closest to the sun?**

- ☐ Neptune
- ☐ Mars
- ☐ Jupiter
- ☐ Saturn

**2. Which two planets are the farthest apart from one another?**

- ☐ Mercury and Uranus
- ☐ Earth and Mars
- ☐ Mars and Neptune
- ☐ Earth and Jupiter

**3. The planets closest to Earth are Venus and Mars.**

- ☐ TRUE
- ☐ FALSE

**4. Which planet listed below is furthest away from the sun?**

- ☐ Venus
- ☐ Earth
- ☐ Saturn
- ☐ Mercury

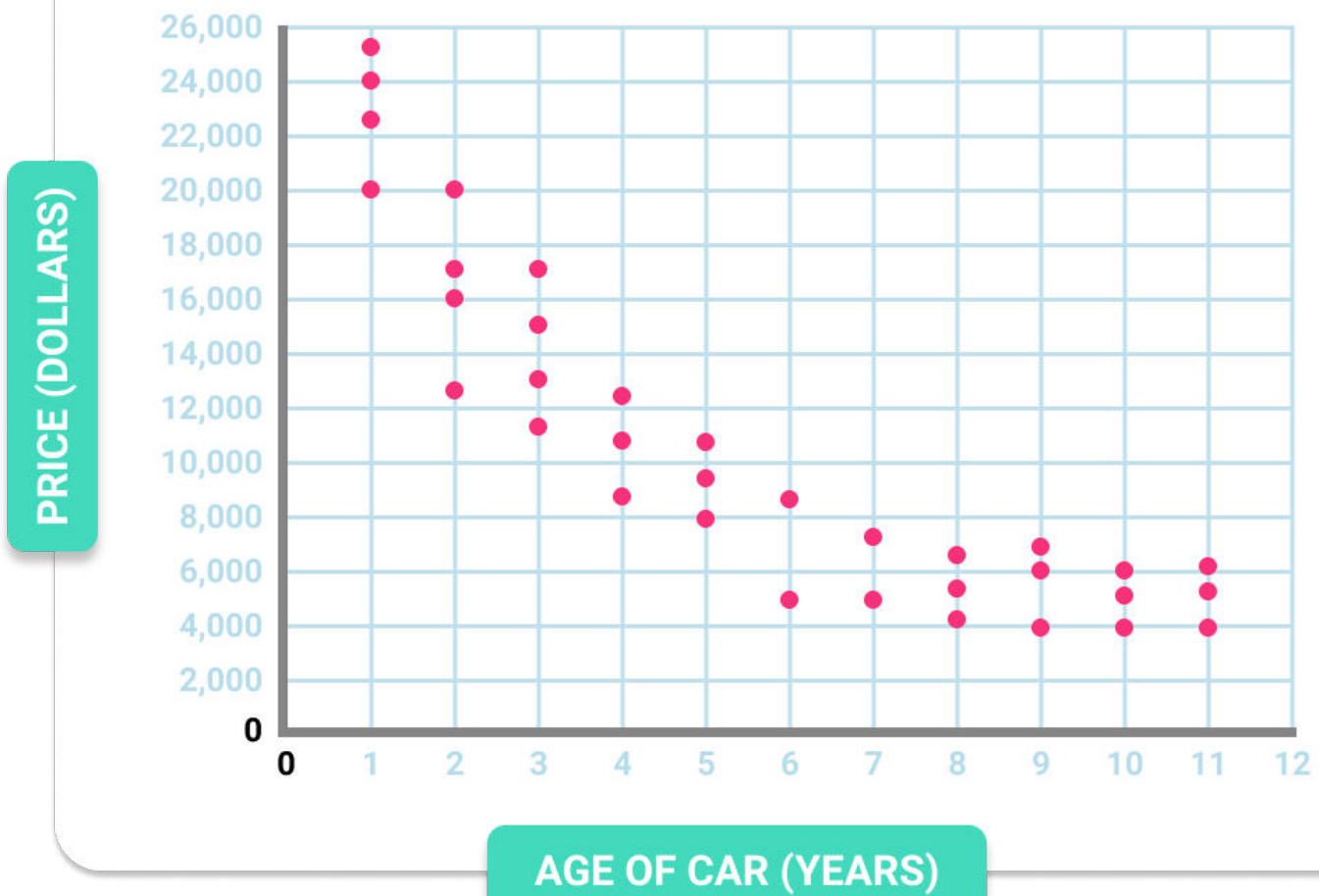
**5. After Mercury, which planet is next closest to the sun?**

- ☐ Neptune
- ☐ Earth
- ☐ Venus
- ☐ Jupiter

# BEST DEALS ON USED CARS

Xiao is researching trends in relation to selling used cars. He collected the following data comparing the prices of used cars in China to the age of the car.

## PRICES OF USED CARS



*Read and observe the chart carefully, before answering the following questions.*

# BEST DEALS ON USED CARS

---

**1. What conclusions can Xiao draw based on the data? Select all that apply.**

- ☐ The cars with the least amount of years typically cost the most.
- ☐ The cars with the most amount of years typically cost the most.
- ☐ The cars with the most amount of years typically cost the least.
- ☐ The cars with the least amount of years typically cost the least.

**2. How much do cars used for one year typically cost?**

- ☐ between 2,000 and 10,000 dollars
- ☐ between 12,000 and 18,000 dollars
- ☐ between 20,000 and 26,000 dollars
- ☐ between 10,000 and 20,000 dollars

**3. How much do cars used for over five years typically cost?**

- ☐ Gail and the Snails
- ☐ Doug and the Slugs
- ☐ Sherm and the Worms
- ☐ Marva and the Larva

**4. Cars used for two years have a greater range in price compared to \_\_\_\_.**

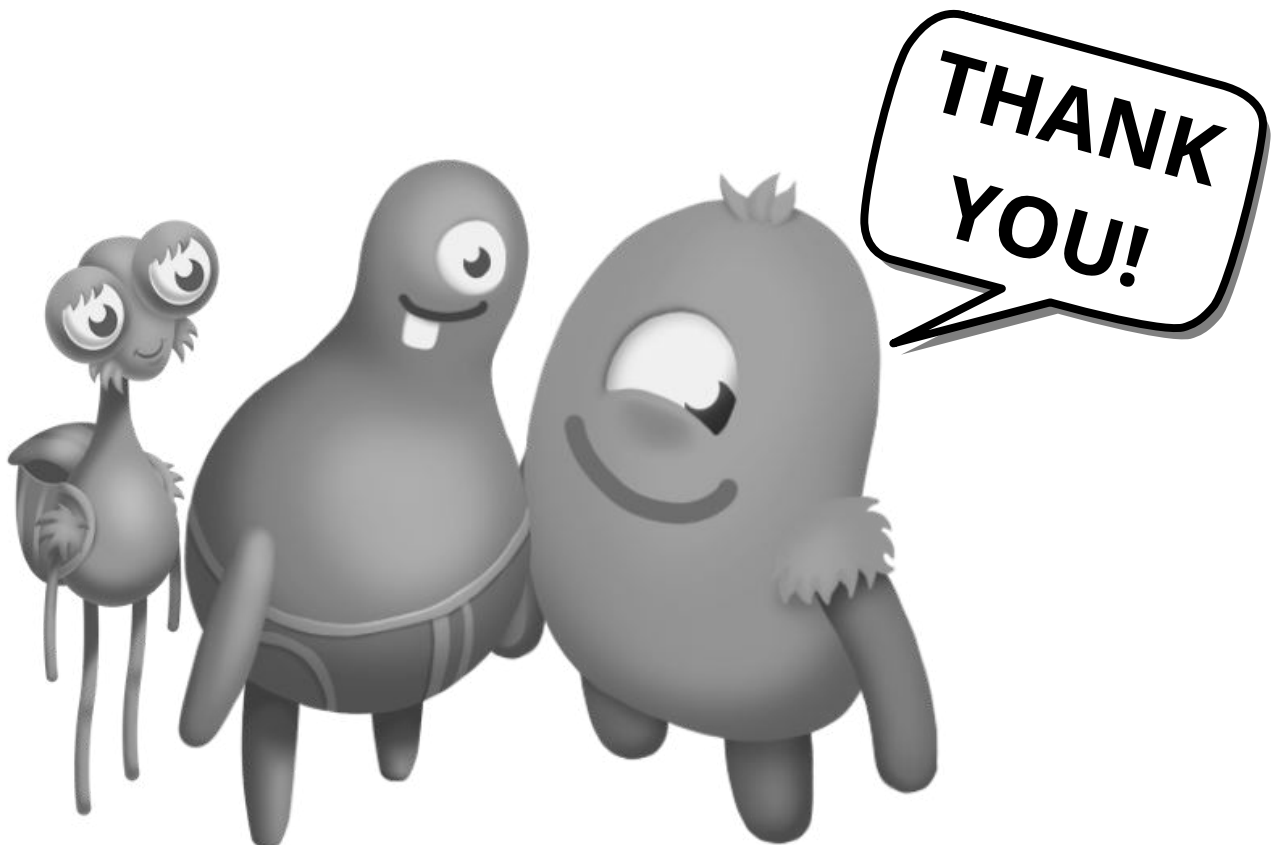
- ☐ cars used for eleven years
- ☐ cars used for twelve years
- ☐ cars used for seven years
- ☐ all of the above

**5. Cars used for six years typically cost between which price range?**

- ☐ \$2,000-\$3,000
- ☐ \$5,000-\$9,000
- ☐ \$2,000-\$10,000
- ☐ \$5,000-\$7,000

# GRAYSCALE

THE FOLLOWING PAGES ARE IN  
BLACK AND WHITE FOR PRINTER  
FRIENDLY USAGE.

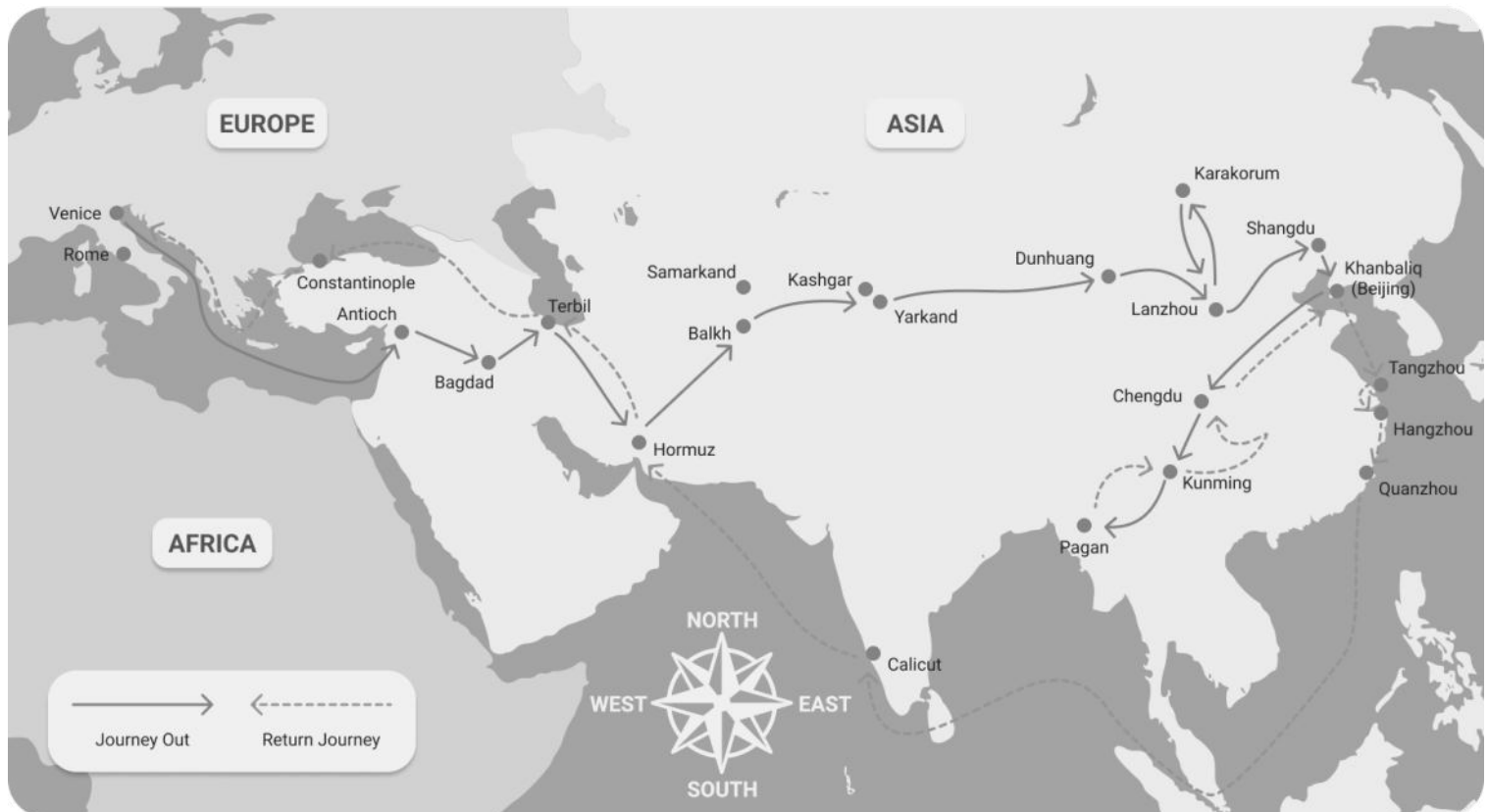




# MARCO POLO

Isabell and Meranda were learning about Marco Polo at school. Marco Polo was an explorer who traveled from Venice, Italy to Asia with hopes of creating a new trade route. Polo traveled with his father through water and land to get to China, along a route now known as the Silk Road. This route is called the Silk Road because China was known for its beautiful silk fabrics, something people in Europe could not make themselves and often traveled to Asia to get. Polo traveled to China, stayed there for about 17 years, then returned to Italy. Isabell and Meranda found this historical map in a book titled, Marco Polo's Travels. The map depicts the historical names of cities colonized during the 1200s. They used the map to learn more about Marco Polo's adventures.

## THE ROUTE OF MARCO POLO'S JOURNEY



*Read and observe the chart carefully, before answering the following questions.*

# MARCO POLO CONTINUED

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**1. Using the map, what can Isabell and Meranda learn about Marco Polo's journey?**

- ☐ where his journey started
- ☐ where his journey ended
- ☐ what year he traveled
- ☐ how long it took him to travel

**2. Where did Marco Polo's journey start?**

- ☐ Venice, Italy
- ☐ Calicut, India
- ☐ Baghdad, Iraq
- ☐ Rome, Italy

**3. Based on the map, what could you conclude about Marco Polo's travels?**

- ☐ Marco Polo traveled by boat.
- ☐ Marco Polo traveled by land.
- ☐ Marco Polo only traveled across water.
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**4. To where did Marco Polo travel?**

- ☐ America
- ☐ Africa
- ☐ Asia
- ☐ Australia

**5. Marco Polo ended his travels in present day Italy.**

- ☐ TRUE
- ☐ FALSE

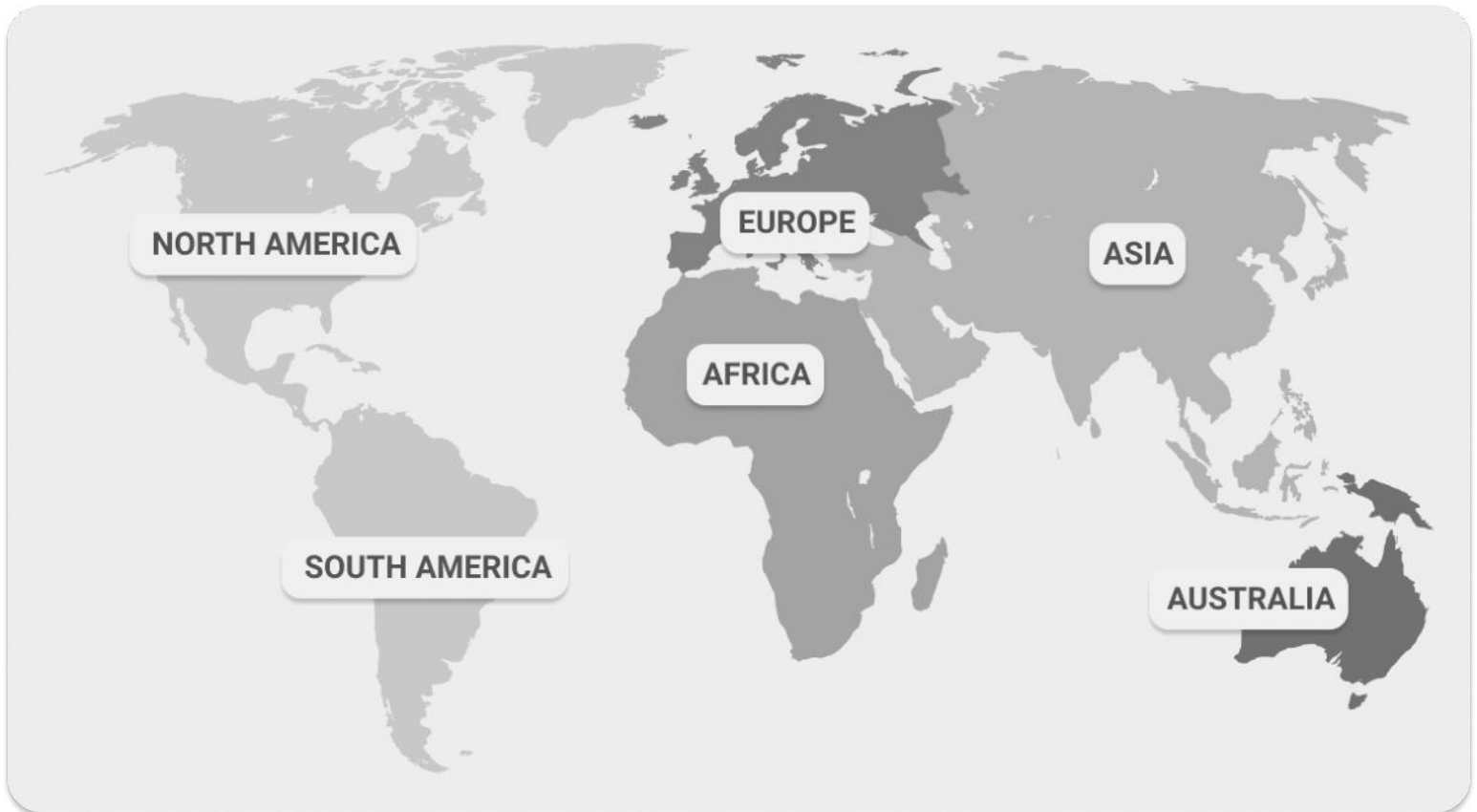
**6. Which of the following places did Marco Polo visit twice during his journey?**

- ☐ Calicut
- ☐ Rome
- ☐ Baghdad
- ☐ Beijing

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# THE CULTURAL FEATURES OF CONTINENTS CONTINUED

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**1. What will Karina most likely learn when she reads the section titled "What are Continents"?**

- ☐ how many continents there are
- ☐ the culture of each continent
- ☐ how people live on continents
- ☐ the definition and explanation of what a continent is

**2. What question can Karina answer by reading the section titled "Life around the World"?**

- ☐ How big are the continents?
- ☐ How is life different in different places?
- ☐ What kind of culture does Africa have?
- ☐ Where do I live?

**3. How many sections does this text have?**

- ☐ five
- ☐ six
- ☐ seven
- ☐ four

**4. In which chapter or section would Karina find information on the sizes of continents?**

- ☐ What are Continents?
- ☐ How Many Continents?
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- ☐ How Big, How Small?

**5. Karina will NOT find information about culture in this text.**

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# THE CULTURAL FEATURES OF CONTINENTS CONTINUED

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**6. Based on the table of contents, what are some topic-specific words Karina may learn?**

- ☐ continent, culture
- ☐ continent, area
- ☐ continent, animals
- ☐ land, water

**7. Karina will find information about the number of continents in the section titled, "How Many Continents"?**

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**8. Where would Karina find information on culture?**

- ☐ page two
- ☐ page ten
- ☐ page fifteen
- ☐ page thirty-five

**9. Karina can infer that she will learn about culture from this text.**

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**10. Which pages will most likely help Karina answer the question: What is life like for different cultures around the world?**

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Notes:

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# THE SUN'S IMPACT CONTINUED

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Uranus	2,870,989,228 km
Neptune	4,504,299,579 km

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*Read and observe the chart carefully, before answering the following questions.*

# BEST DEALS ON USED CARS

---

**1. What conclusions can Xiao draw based on the data? Select all that apply.**

- ☐ The cars with the least amount of years typically cost the most.
- ☐ The cars with the most amount of years typically cost the most.
- ☐ The cars with the most amount of years typically cost the least.
- ☐ The cars with the least amount of years typically cost the least.

**2. How much do cars used for one year typically cost?**

- ☐ between 2,000 and 10,000 dollars
- ☐ between 12,000 and 18,000 dollars
- ☐ between 20,000 and 26,000 dollars
- ☐ between 10,000 and 20,000 dollars

**3. How much do cars used for over five years typically cost?**

- ☐ Gail and the Snails
- ☐ Doug and the Slugs
- ☐ Sherm and the Worms
- ☐ Marva and the Larva

**4. Cars used for two years have a greater range in price compared to \_\_\_\_.**

- ☐ cars used for eleven years
- ☐ cars used for twelve years
- ☐ cars used for seven years
- ☐ all of the above

**5. Cars used for six years typically cost between which price range?**

- ☐ \$2,000-\$3,000
- ☐ \$5,000-\$9,000
- ☐ \$2,000-\$10,000
- ☐ \$5,000-\$7,000

# MARCO POLO CONTINUED

---

1. Using the map, what can Isabell and Meranda learn about Marco Polo's journey?

*Select all that apply*

- ☒ where his journey started
- ☒ where his journey ended
- ☐ what year he traveled
- ☐ how long it took him to travel

2. Where did Marco Polo's journey start?

- ☒ Venice, Italy
- ☐ Calicut, India
- ☐ Baghdad, Iraq
- ☐ Rome, Italy

3. Based on the map, what could you conclude about Marco Polo's travels? *Select all that apply.*

- ☒ Marco Polo traveled by boat.
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- ☐ Marco Polo only traveled across water.
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4. To where did Marco Polo travel?

- ☐ America
- ☐ Africa
- ☒ Asia
- ☐ Australia

5. Marco Polo ended his travels in present day Italy.

- ☒ TRUE
- ☐ FALSE

6. Which of the following places did Marco Polo visit twice during his journey?

- ☐ Calicut
- ☐ Rome
- ☐ Baghdad
- ☒ Beijing

# THE CULTURAL FEATURES OF CONTINENTS CONTINUED

---

**1. What will Karina most likely learn when she reads the section titled "What are Continents"?**

- ☐ how many continents there are
- ☐ the culture of each continent
- ☐ how people live on continents
- ☒ the definition and explanation of what a continent is

**2. What question can Karina answer by reading the section titled "Life around the World"?**

- ☐ How big are the continents?
- ☒ How is life different in different places?
- ☐ What kind of culture does Africa have?
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**3. How many sections does this text have?**

- ☒ five
- ☐ six
- ☐ seven
- ☐ four

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- ☐ What are Continents?
- ☐ How Many Continents?
- ☐ What is Culture?
- ☒ How Big, How Small?

**5. Karina will NOT find information about culture in this text.**

- ☐ TRUE
- ☒ FALSE

## THE CULTURAL FEATURES OF CONTINENTS CONTINUED

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- ☒ pages fifteen and thirty-five
- ☐ pages two and ten



# THE SUN'S IMPACT CONTINUED

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1. Which one of the planets below is closest to the sun?

☐ Neptune

☒ Mars

☐ Jupiter

☐ Saturn

2. Which two planets are the farthest apart from one another?

☒ Mercury and Uranus

☐ Earth and Mars

☐ Mars and Neptune

☐ Earth and Jupiter

3. The planets closest to Earth are Venus and Mars.

☒ TRUE

☐ FALSE

4. Which planet listed below is furthest away from the sun?

☐ Venus

☐ Earth

☒ Saturn

☐ Mercury

5. After Mercury, which planet is next closest to the sun?

☐ Neptune

☐ Earth

☒ Venus

☐ Jupiter

# BEST DEALS ON USED CARS

---

1. What conclusions can Xiao draw based on the data? Select all that apply.

- ☒ The cars with the least amount of years typically cost the most.
- ☐ The cars with the most amount of years typically cost the most.
- ☒ The cars with the most amount of years typically cost the least.
- ☐ The cars with the least amount of years typically cost the least.

2. How much do cars used for one year typically cost?

- ☐ between 2,000 and 10,000 dollars
- ☐ between 12,000 and 18,000 dollars
- ☒ between 20,000 and 26,000 dollars
- ☐ between 10,000 and 20,000 dollars

3. How much do cars used for over five years typically cost?

- ☐ under 2,000 dollars
- ☐ under 4,000 dollars
- ☒ under 10,000 dollars
- ☐ over 10,000 dollars

4. Cars used for two years have a greater range in price compared to \_\_\_\_\_.

- ☐ cars used for eleven years
- ☐ cars used for twelve years
- ☐ cars used for seven years
- ☒ all of the above

5. Cars used for six years typically cost between which price range?

- ☐ \$2,000-\$3,000
- ☒ \$5,000-\$9,000
- ☐ \$2,000-\$10,000
- ☐ \$5,000-\$7,000