

Using Maps, Photos, and Diagrams

Name: _____

Date: _____

Score: ____ / 10



Quick Review

In nonfiction, pictures, maps, and diagrams give you extra information. A map shows where places are. A photo shows what something looks like. A diagram labels the PARTS of something. Use the words AND the picture together.

PRACTICE

Imagine the picture, map, or diagram described in each item. Then choose the best answer.

1. A nonfiction page about ants has a diagram of an ant with labels for head, thorax, and legs. The diagram is BEST for showing —
 - A. how fast an ant can move.
 - B. the body parts of an ant.
 - C. where ants live in the world.
 - D. what ants eat for breakfast.
2. A book about wolves shows a MAP with shaded areas of North America. The map MOST LIKELY shows —
 - A. a wolf's favorite foods.
 - B. the places where wolves live.
 - C. the years wolves have lived in zoos.
 - D. the sound a wolf makes.
3. A page about volcanoes has a PHOTO of red, glowing rock pouring out of a mountain. The photo helps the reader —
 - A. see what hot lava really looks like.
 - B. hear the sound of an eruption.
 - C. smell the smoke.
 - D. count the people nearby.
4. Under a photo, the words say: "A young African elephant drinks from a watering hole." This text is called —
 - A. a heading.
 - B. a glossary entry.
 - C. a caption.
 - D. a footnote.



5. A textbook says, “*The Sahara is the world’s largest hot desert.*” What map feature would help the reader see WHERE the Sahara is?
- A. a star marking the Sahara on a map of Africa
 - B. a chart showing rainfall by month
 - C. a photo of camels
 - D. a graph of temperatures
6. A diagram of the water cycle has arrows from a cloud back down to a river. The arrows are MOST LIKELY showing —
- A. the direction water moves.
 - B. where to color the picture.
 - C. how to read the page.
 - D. the part of the picture to skip.
7. You read: “*Bald eagles build huge nests at the top of tall trees.*” A PHOTO of a bald eagle’s nest mainly helps the reader —
- A. picture how big the nest is and where it sits.
 - B. learn how bald eagles got their name.
 - C. count how many eagles live in the U.S.
 - D. find out what eagles eat.
8. Which feature would BEST help a reader learn the PARTS of a bicycle?
- A. a labeled diagram of a bicycle
 - B. a map of a bicycle race
 - C. a photo of a bike from far away
 - D. a chart of bicycle prices
9. A page on rainforests has a PHOTO and a MAP side by side. Together, they help the reader —
- A. read fewer words.
 - B. see what a rainforest looks like AND where rainforests are found.
 - C. draw their own picture.
 - D. skip the article.
10. If a science book is about the planets, name TWO different features (picture, map, diagram, etc.) that might help readers understand the topic.



Answer Keys

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| Explanations | |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. B | A labeled diagram shows parts. A is about motion (not a diagram), C is about location (a map), D is about food (text or photo). |
| 2. B | Maps show locations on land. The others can't be shown on a map. |
| 3. A | Photos show what something LOOKS like. B/C are senses photos can't show; D may not even be in the photo. |
| 4. C | Words right beside or below a photo are a caption. Headings are larger; glossary entries are in a list; footnotes are usually at the bottom of the page with a small number marker. |
| 5. A | A map with a marker shows location. A chart and a graph give numbers; a photo shows looks but not place. |
| 6. A | Arrows in a diagram show direction or flow. The others are not what arrows mean in a diagram. |
| 7. A | A photo of the nest shows size and place. B/C/D need different sources. |
| 8. A | A labeled diagram shows parts. The others give other kinds of information. |
| 9. B | Photo + map = looks + location. The others miss the purpose of the combination. |
| 10. | Answer: Examples: a diagram of the solar system; a photo of Saturn's rings; a chart of planet sizes; a diagram showing how Earth orbits the sun. Any two appropriate visual features for a planets book. |



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