

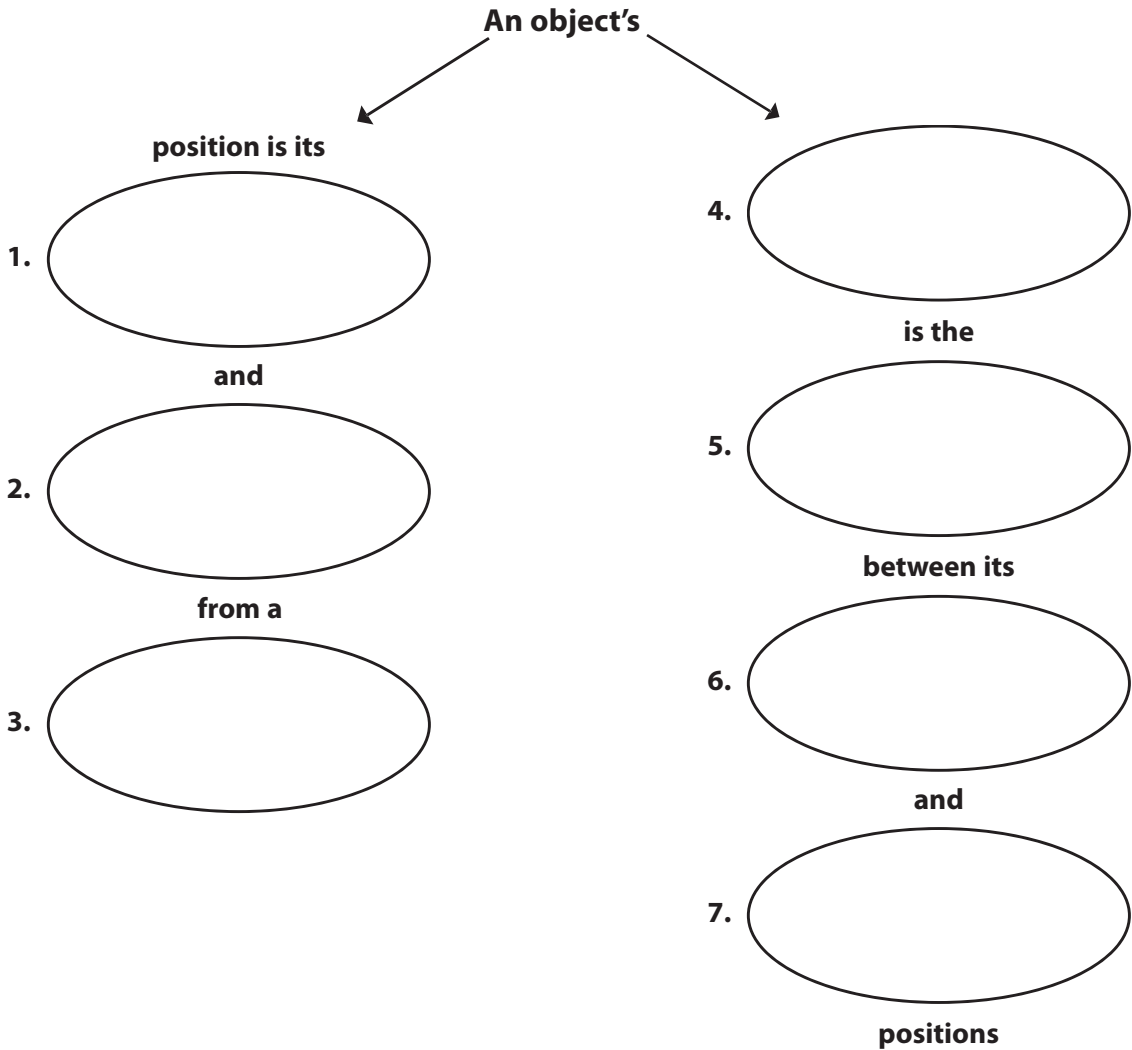
Content Practice A

LESSON 1

Position and Motion

Directions: Complete this concept map by choosing terms from the word bank and writing them in the correct spaces. Each term is used only once.

- | | | | |
|-------------------|------------------|------------------------|-----------------|
| difference | direction | displacement | distance |
| final | initial | reference point | |



Directions: On each line, write the term that correctly completes each sentence.

8. The terms _____ and _____ can be useful when giving opposite directions from a reference point.
9. The process of changing positions is _____.
10. _____ is the length of a path taken, whereas _____ is the difference between starting and ending locations.

Content Practice B**LESSON 1*****Position and Motion***

Directions: Complete these paragraphs by writing the correct terms on the lines. Some terms might be used more than once.

To describe an object's **(1.)** _____, you must first choose a(n) **(2.)** _____ as a starting place. From there, you must specify the **(3.)** _____ to the object and the **(4.)** _____ in which it lies from the starting place. If you are giving directions to two objects located in different directions from the same **(5.)** _____, it can sometimes be helpful to describe one object as being in the **(6.)** _____ direction from that place and the other in the **(7.)** _____ direction.

An object is in **(8.)** _____ any time its **(9.)** _____ is changing. In most cases, such a change involves changes in **(10.)** _____ and **(11.)** _____ from the starting point. However, if an object returns to its starting point, its **(12.)** _____ is zero, even though it might have traveled a considerable **(13.)** _____.