God's Tiny Titan

Name: _____ Date: _____

Vocabulary Words: Match the definition to each word.

1. Tardigrades are sometimes called _____ because of their cute, bear-like appearance.
2. Tardigrades are the smallest animals with _____.
3. Tardigrades can survive being dried out for _____ of years.
4. Even after being exposed to extremely high levels of _____, tardigrades were unharmed.
5. Tardigrades live in _____, where they suck up algae and other tiny organisms.

Word Bank: radiation, water, legs, hundreds, water bears

Multiple Choice: Choose the correct answer from the choices for each question.

1. How small is a tardigrade?
   a) About the size of a cat
   b) About the size of a basketball
   c) About one meter
   d) About half a millimeter

2. What happens to tardigrades when there is no oxygen?
   a) They die immediately
   b) They grow bigger
   c) They stop moving but come back to life when oxygen returns
   d) They turn into another animal

3. What special ability do tardigrades have?
   a) They can fly
   b) They can see in the dark
   c) They can talk
   d) They can survive boiling and freezing temperatures

4. What do tardigrades eat?
   a) Other large animals
   b) Leaves from trees
   c) Rocks
   d) Algae and tiny organisms

Discussion & Reflection: Answer the following questions in complete sentences

1. Why do scientists consider tardigrades to be "nature's ultimate survivors"?

_____

_____

_____

_____

2. If you could study tardigrades, what would you want to learn about them and why?

_____

_____

_____

3. This shows me that God is (Circle the word):

Wise Powerful Caring Creative All of the above

Explain your choice:

_____

_____

_____