

Name \_\_\_\_\_ Date \_\_\_\_\_

**Instructions:** Read each question carefully and choose the best answer.

1. What is a **tide**?
  - Ⓐ the waves hitting the shore
  - Ⓑ pools of water that cannot be drained
  - Ⓒ rising and falling of the ocean where it meets land
  - Ⓓ the highest place that water from the ocean reaches
2. Where could you find a tide pool?
  - Ⓐ places where water is trapped along the shore
  - Ⓑ low areas along rocky shores
  - Ⓒ pools on sandy beaches
  - Ⓓ all of the above
3. How do animals stay alive in tide pools?
  - Ⓐ They hide under the sand.
  - Ⓑ They move out of tide pools.
  - Ⓒ They adapt to life there.
  - Ⓓ all of the above
4. What causes tides?
  - Ⓐ ocean waves
  - Ⓑ earth's gravity
  - Ⓒ forces under the ocean
  - Ⓓ the pull from the sun and moon
5. What is the **intertidal zone**?
  - Ⓐ the different creatures that live in tide pools
  - Ⓑ the area on the shore between the high and low tides
  - Ⓒ the area closest to the sea in a tide pool
  - Ⓓ the mark where high tide occurs

*Quick Check continued on following page*

Name \_\_\_\_\_ Date \_\_\_\_\_

6. Where can you find more animals in rocky tide pools?
  - Ⓐ Where there are places for them to hide or attach themselves
  - Ⓑ where there are fewer waves crashing in
  - Ⓒ where the rocks stay wet
  - Ⓓ where the sand drains the water faster
7. What are the dangers of living in a tide pool?
  - Ⓐ exposure from sun and air
  - Ⓑ predators locating the creatures
  - Ⓒ waves crashing over them
  - Ⓓ all of the above
8. What does **mobile** mean?
  - Ⓐ staying still when danger comes
  - Ⓑ glued to rocks and cracks
  - Ⓒ seeking shelter
  - Ⓓ moving around
9. How are invertebrates the same as dogs and cats?
  - Ⓐ They are all animals.
  - Ⓑ They are all stationary.
  - Ⓒ They don't have a backbone.
  - Ⓓ They are commonly found in tide pools.
10. Why would you see more animals at low tide?
  - Ⓐ The animals come out of hiding.
  - Ⓑ Tide pools are pulled by gravity.
  - Ⓒ The animals are more exposed.
  - Ⓓ More animals come to the tide pools.
11. **Extended Response:** What should you do if you find an animal in a tide pool? List at least three ideas.
12. **Extended Response:** Why can life in a tide pool be dangerous for some animals?

## Quick Check Answer Sheet

## Exploring Tide Pools

Main Comprehension Skill: Main Idea and Details

1. Ⓒ Vocabulary
2. Ⓓ Classify Information
3. Ⓒ Main Idea and Details
4. Ⓓ Cause and Effect
5. Ⓑ Vocabulary
6. Ⓐ Main Idea and Details
7. Ⓓ Classify Information
8. Ⓓ Vocabulary
9. Ⓐ Compare and Contrast
10. Ⓒ Cause and Effect
11. Possible answers include: *move slowly and don't step on it; don't pick it up unless an adult says it's OK; keep your hands moist if you pick up an animal; be gentle; put it back in its habitat.*
12. Answers should include: *if animals don't hang on tight, they could be tossed around, battered against rocks, or swept away; exposure to the sun with little water can cause animals to dry out.*