How Animals Sense the World

Grade 4 Science Worksheet

Name _____ Date _____

Circle the answer.

1. Two plans test whether ants find sugar by smell. Plan A hides sugar under paper. Plan B puts sugar in plain view. Which plan tests smell better?
   - Plan A, because ants cannot see the hidden sugar
   - both plans test smell equally
   - Plan B, because ants can see and smell it
   - Plan B, because ants will find it faster

2. Two dogs smell the same treat in a box. Dog A sniffs and paws at the box. Dog B walks away. Which explains the difference?
   - only Dog A has a nose
   - their brains processed the same smell differently
   - Dog B cannot smell anything at all
   - the treat smelled only to Dog A

3. A snake flicks its tongue in and out. What is it doing?
   - cooling down its body
   - picking up smells from the air
   - calling to other snakes
   - cleaning its teeth

4. A cat burned its paw on a stove once. Now it stays off the stove even when it is cold. What explains this?
   - the cold stove feels hot to its paws
   - a memory of the burn guides its choice
   - its eyes cannot see the stove
   - its nose smells the cold stove burning

5. Why does a gazelle look up often while it grazes?
   - its ears work only when it looks up
   - its eyes gather information about nearby danger
   - it is counting the clouds
   - looking up helps it digest grass

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Answer Key - Grade 4 Science Worksheet

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