How Animals Sense the World

Grade 4 Science Worksheet - Challenge Me

Name _____ Date _____

Circle the answer.

1. A fish sees a shadow pass over the water. It darts under a rock. Which step happened between seeing and darting?

   its brain treated the shadow as danger

   its fins sensed the shadow first

   its gills told the fins to swim

   it remembered the rock from last year

2. Which order is correct for a cat that hears a can open and runs to the kitchen?

   ears hear the can → brain recognizes the sound → cat runs

   brain recognizes the sound → ears hear the can → cat runs

   cat runs → ears hear the can → brain recognizes the sound

   ears hear the can → cat runs → brain recognizes the sound

3. A goalie sees a ball kicked toward the net and dives. Which step takes the brain's work?

   moving her legs to dive

   deciding which way to dive

   hearing the crowd cheer

   seeing the ball with her eyes

4. 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?

   Dog B cannot smell anything at all

   the treat smelled only to Dog A

   only Dog A has a nose

   their brains processed the same smell differently

5. A bear smells honey inside a hollow log. It walks over and digs at the log. Which sense started this response?

   touch hearing smell sight

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Answer Key - Grade 4 Science Worksheet - Challenge Me

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