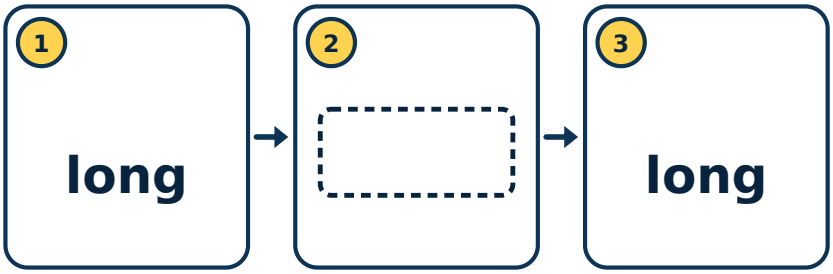
Design Information Transfer

Grade 4 Science Worksheet

Name _____ Date _____

Circle the answer.

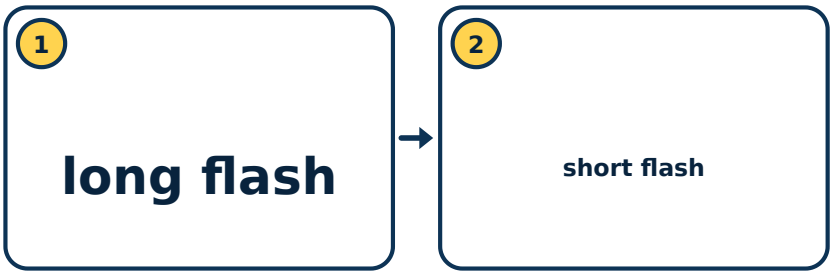
1. Code: long-long = meet at the gate, long-short-long = meet at the gym. Which card is missing from the gym signal?



long pause nothing is missing short

2. Why do traffic lights use both color and position (red on top)?
   a driver who cannot tell colors apart can still read the signal
   the top light is always brighter than the others
   putting red on top makes the lights cost less
   colored light alone travels too slowly to drivers

3. Code: long-short = come home, short-long = stay. Look at the cards. What is the message?



no message stay come later come home

4. Which signal uses sound to send a message?
   a flashlight blinking a traffic light changing a flag waving a fire alarm beeping

5. A team wants to send a signal across a loud playground. Which signal is easiest to notice?
   a quiet whisper
   a small hand wave behind a wall
   a bright flag waved up and down
   a note left on a desk

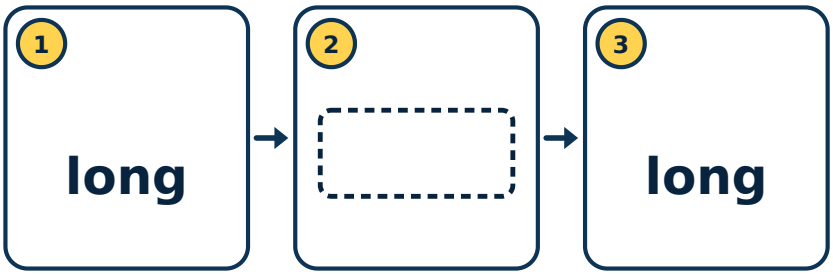
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Answer Key - Grade 4 Science Worksheet

Circle the answer.

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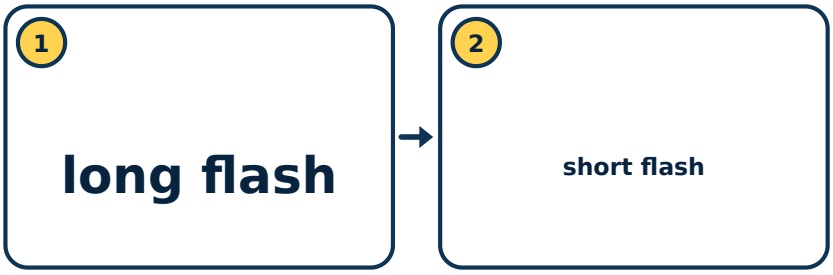


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