

Launch Lab: Sense It Answer Key

Answers to Analysis Questions

1. You will likely have more difficulty distinguishing materials that have a shape and texture similar to other materials (e.g., salt and sugar).
2. Under normal circumstances, the senses that would be used to identify most of the samples would be sense of touch, vision, and possibly smell.
3.
 - a) You would use your sense of smell and vision to check if milk is sour.
 - b) You would use your sense of touch and vision to separate rocks from lentils.
 - c) You would use your sense of balance to stand on one leg without falling over.
4. Sensory experiences include touch, movement, body awareness, sight, sound, and the pull of gravity. Sensory integration is the process that allows our brain to interpret sensory stimulation from a variety of these senses to tell us what we need to know about what is going on around us. This experiment demonstrates that sometimes one sense is not enough to provide all the information needed.