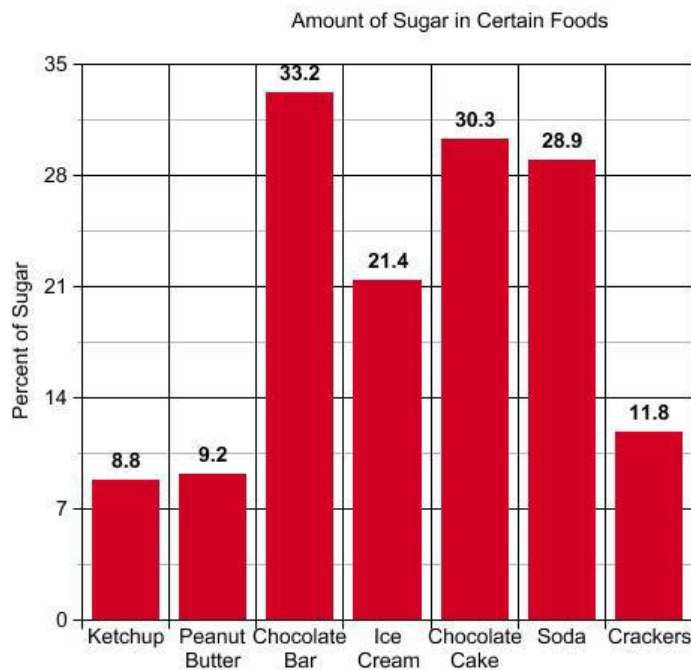


Decibels Pre-Quiz **Answer Key**

1. What causes a sound to occur?
An object that vibrates.
2. What are **three** materials that absorb sound?
Foam, cotton, blanket, towel, and cloth (answers may vary)
3. What are **three** materials that reflect sound and cause an echo?
Plastic, glass, and stone (answers may vary)
4. What mediums can sound travel through?
Solid, liquid, and gas.
5. If you are soundproofing a room, this means you are doing what?
You are using a material that will prevent the passage of sound.



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6.
 - a. What is the information that this graph is showing you? **% of sugar in different types of food**
 - b. What is the difference in percentage in sugar between ice cream and crackers? **9.6**
 - c. What has the highest percentage of sugar? **Chocolate Bar**
 - d. What is being measured on the y axis? **% of Sugar**
 - e. What goes on the x axis? **Different types of food**