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| **Common-Sense Science** |
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| |  |  |  |  | | --- | --- | --- | --- | |  | |  | | --- | | Please read each question carefully and select the correct answer by clicking on the corresponding button. The answer key will be provided after the quiz is scored. Streeeetch that mind! | |  | |

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|  |
| **1.** | Which of the following statements about the metal mercury is NOT true? |
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| --- | --- | --- |
|  |  | Mercury is also called quicksilver |

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| --- | --- | --- |
|  |  | At room temperature, mercury is liquid |

|  |  |  |
| --- | --- | --- |
|  |  | Mercury is very poisonous |

|  |  |  |
| --- | --- | --- |
|  |  | Mercury is highly radioactive |

|  |  |  |
| --- | --- | --- |
|  |  | I don't know |

|  |
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|  |
| **2.** | The echidna and the platypus are the only two mammals that: |
|  |  |

|  |  |  |
| --- | --- | --- |
|  |  | Lay eggs |

|  |  |  |
| --- | --- | --- |
|  |  | Are capable of flight |

|  |  |  |
| --- | --- | --- |
|  |  | Do not require oxygen |

|  |  |  |
| --- | --- | --- |
|  |  | Do not nurse their young |

|  |  |  |
| --- | --- | --- |
|  |  | I don't know |

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|  |
| **3.** | What is spelunking? |
|  |  |

|  |  |  |
| --- | --- | --- |
|  |  | The study of tropical birds |

|  |  |  |
| --- | --- | --- |
|  |  | The exploration of caves |

|  |  |  |
| --- | --- | --- |
|  |  | Deep-sea diving |

|  |  |  |
| --- | --- | --- |
|  |  | The study of ancient animal tracks |

|  |  |  |
| --- | --- | --- |
|  |  | I don't know |

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|  |
| **4.** | What is the cause of the sound made when you "crack a whip"? |
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| --- | --- | --- |
|  |  | The actual sound of the whip is imperceptible. What we hear is a sharp echo against the earth, which greatly magnifies the slight sound. |

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| --- | --- | --- |
|  |  | A shock wave is created when the end of the whip travels faster than the sound waves created by its own motion. |

|  |  |  |
| --- | --- | --- |
|  |  | As you sharply crack the whip, the leather of the whip stretches and suddenly becomes taut, making a loud noise. |

|  |  |  |
| --- | --- | --- |
|  |  | Each whip is designed with two internal 'sticks' that snap together, making a loud noise when the whip is cracked. |

|  |  |  |
| --- | --- | --- |
|  |  | I don't know |

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| **5.** | Dry ice is: |
|  |  |

|  |  |  |
| --- | --- | --- |
|  |  | Regular ice, with all the moisture sucked out |

|  |  |  |
| --- | --- | --- |
|  |  | Frozen water with the addition of special chemicals to make it smoke |

|  |  |  |
| --- | --- | --- |
|  |  | Frozen carbon dioxide |

|  |  |  |
| --- | --- | --- |
|  |  | Frozen helium |

|  |  |  |
| --- | --- | --- |
|  |  | I don't know |

|  |
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|  |
| **6.** | How many numerals can the average person remember in the correct order? |
|  |  |

|  |  |  |
| --- | --- | --- |
|  |  | 10 |

|  |  |  |
| --- | --- | --- |
|  |  | 7 |

|  |  |  |
| --- | --- | --- |
|  |  | 5 |

|  |  |  |
| --- | --- | --- |
|  |  | 3 |

|  |  |  |
| --- | --- | --- |
|  |  | I don't know |

|  |
| --- |
|  |
| **7.** | How many karats is pure, unalloyed gold? |
|  |  |

|  |  |  |
| --- | --- | --- |
|  |  | 32 |

|  |  |  |
| --- | --- | --- |
|  |  | 24 |

|  |  |  |
| --- | --- | --- |
|  |  | 18 |

|  |  |  |
| --- | --- | --- |
|  |  | 9 |

|  |  |  |
| --- | --- | --- |
|  |  | I don't know |

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| **8.** | How do dairies ensure that the cream does not rise to the top in whole or 2% milk? |
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|  |  |  |
| --- | --- | --- |
|  |  | They pasteurize it. |

|  |  |  |
| --- | --- | --- |
|  |  | They homogenize it. |

|  |  |  |
| --- | --- | --- |
|  |  | They pack it in sterile containers. |

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| --- | --- | --- |
|  |  | They keep it constantly refrigerated. |

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| --- | --- | --- |
|  |  | I don't know |

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| **9.** | What would some doctors prescribe a century ago when a patient complained of continual fatigue (a possible mineral deficiency)? |
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|  |  |  |
| --- | --- | --- |
|  |  | Apples that have been pierced with nails and stored for several days. |

|  |  |  |
| --- | --- | --- |
|  |  | Whole oats steamed with molasses and bran. |

|  |  |  |
| --- | --- | --- |
|  |  | Ground olive pits cooked with dark tea in a heavy enamel pot. |

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| --- | --- | --- |
|  |  | A dozen raw eggs a week. |

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| --- | --- | --- |
|  |  | I don't know |

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| **10.** | During the time of the dinosaurs, how many continents were there on Earth? |
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|  |  |  |
| --- | --- | --- |
|  |  | 1 |

|  |  |  |
| --- | --- | --- |
|  |  | 3 |

|  |  |  |
| --- | --- | --- |
|  |  | 4 |

|  |  |  |
| --- | --- | --- |
|  |  | 8 |

|  |  |  |
| --- | --- | --- |
|  |  | I don't know |

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| **Common-Sense Science** |

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| **1.** | Which of the following statements about the metal mercury is NOT true? |
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|  |
| |  |  | | --- | --- | | **Your answer:** | Mercury is highly radioactive | |  | | | **Correct answer:** | Mercury is highly radioactive | |

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| |  |  | | --- | --- | | **Your answer:** | Lay eggs | |  | | | **Correct answer:** | Lay eggs | |

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| |  |  | | --- | --- | | **Your answer:** | 1 | |  | | | **Correct answer:** | 1 | |

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