**Scale and Balance Worksheet**

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|  | **Scale** | **Balance** |
|  | kuhn-rikon-electronic-scale.jpg | triplebeam.jpg |
| How does it work? |  |  |
| Does it work the same on Earth and on the moon? |  |  |
| Does it actually measure mass or weight? |  |  |

**Scale and Balance Worksheet KEY**

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|  | **Scale** | **Balance** |
|  | kuhn-rikon-electronic-scale.jpg | triplebeam.jpg |
| How does it work? | Measures the weight of an object by the force exerted on the scale from Earth’s gravitational pull. | Measures mass of an object by balancing the scale against a known (standardized) mass, which is set into the balance. |
| Does it work the same on Earth and on the moon? | No, the moon has less gravity so less force will be exerted on the scale, decreasing the weight. | Yes |
| Does it actually measure mass or weight? | weight | mass |