

Name: _____

Date: _____

“Balancing and Weighing” Summative Assessment

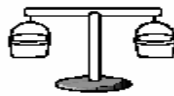
1. **Circle** the tool you would use to weigh an object.



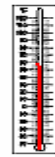
Cup



Ruler

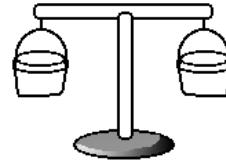


Balance



Thermometer

2. Use the equal arm balance with pails and Unifix cubes. Record your data in the chart below.



Canister	Number of Cubes
A	
B	
C	

Testing for the Heaviest Object

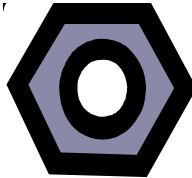
5. Conduct a test.

Circle the object that weighs the most.

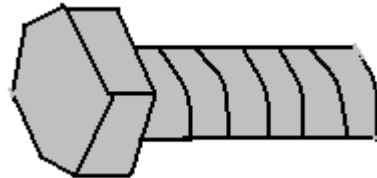
Metal Cube



Metal Nut

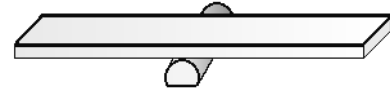


Metal Bolt



What did **you do** to find the object that weighs the **most**?

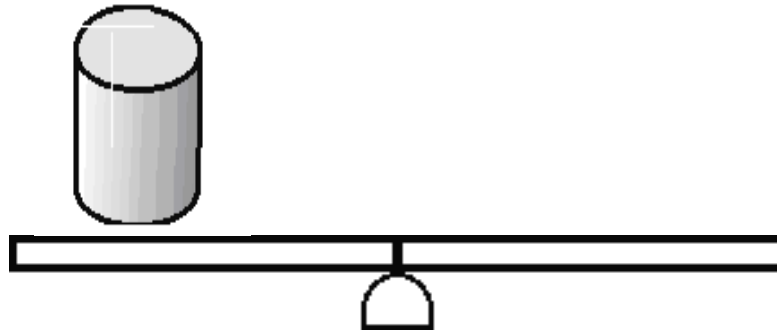
Balancing a Beam



6. Get a balance beam.

- Balance the beam on the fulcrum.
- Put the **white** cylinder on the left edge of the beam.
- Use the **clear** cylinder to balance the beam.
- **Draw an X** where you placed the **clear** cylinder to balance the beam.

White Cylinder



7. Put the clear cylinder on one end of the beam.

- Balance the beam.
- **Draw** the position of the fulcrum.

Clear Cylinder



8. Look at the model.

- Put an **X** where the fulcrum would be on the picture below.

Metal Cube

White Cylinder



Write a rule that tells where to place the fulcrum to balance the beam.
