

Card Sort Activity

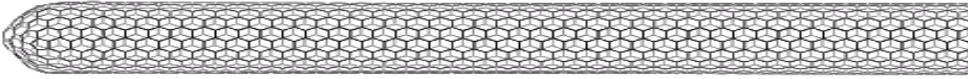
Name: _____

Individual Card Arrangement (Largest = 1; Smallest = 10)

| | |
|----------|-----------|
| Largest | 1. _____ |
| ↓ | 2. _____ |
| | 3. _____ |
| | 4. _____ |
| | 5. _____ |
| | 6. _____ |
| | 7. _____ |
| | 8. _____ |
| | 9. _____ |
| Smallest | 10. _____ |

Group Card Arrangement

| | |
|----------|-----------|
| Largest | 1. _____ |
| ↓ | 2. _____ |
| | 3. _____ |
| | 4. _____ |
| | 5. _____ |
| | 6. _____ |
| | 7. _____ |
| | 8. _____ |
| | 9. _____ |
| Smallest | 10. _____ |

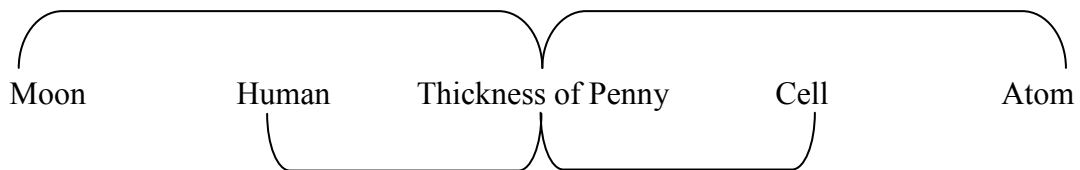


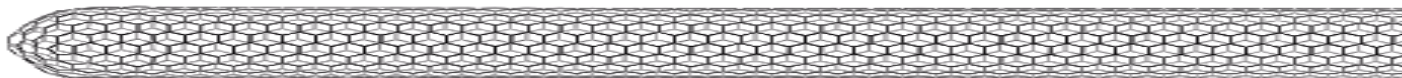
Clothesline Activity

| | Card Arrangement (1=Largest) | Power of 10 | Instrument |
|-----|-------------------------------------|--------------------|-------------------|
| 1. | _____ | _____ | _____ |
| 2. | _____ | _____ | _____ |
| 3. | _____ | _____ | _____ |
| 4. | _____ | _____ | _____ |
| 5. | _____ | _____ | _____ |
| 6. | _____ | _____ | _____ |
| 7. | _____ | _____ | _____ |
| 8. | _____ | _____ | _____ |
| 9. | _____ | _____ | _____ |
| 10. | _____ | _____ | _____ |

Scale

Directions: On the connecting lines, record your answers for how many times bigger or smaller the object is compared to the Thickness of a Penny.



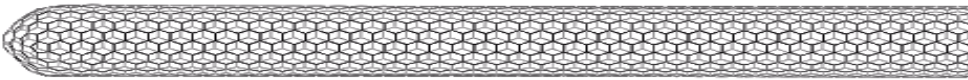


Follow-Up Card Arrangement

- a. Arrange the 5 new cards from largest to smallest.
- b. Justify your arrangement of coupled boxes.
- c. Estimate the size of each object in 10^x meters. Specify a numerical answer for x.
- d. What would you use to “see” the object?

Largest → **Smallest**

| Arrangement | | | | | |
|--|--|--|--|--|--|
| Justification between objects | | | | | |
| Power of 10 | | | | | |
| To “see” the object, I would use... | | | | | |



Clothesline Activity with Prefix and Symbol

| | Card Arrangement (1=Largest) | Power of 10 | Prefix | Symbol | Instrument |
|-----|-------------------------------------|--------------------|---------------|---------------|-------------------|
| 1. | _____ | _____ | _____ | _____ | _____ |
| 2. | _____ | _____ | _____ | _____ | _____ |
| 3. | _____ | _____ | _____ | _____ | _____ |
| 4. | _____ | _____ | _____ | _____ | _____ |
| 5. | _____ | _____ | _____ | _____ | _____ |
| 6. | _____ | _____ | _____ | _____ | _____ |
| 7. | _____ | _____ | _____ | _____ | _____ |
| 8. | _____ | _____ | _____ | _____ | _____ |
| 9. | _____ | _____ | _____ | _____ | _____ |
| 10. | _____ | _____ | _____ | _____ | _____ |

Scale

Directions: On the connecting lines, record your answers for how many times bigger or smaller the object is compared to the Thickness of a Penny.

