

Mystery Unit Game

Choose a type of unit—inch, foot, or yard and find an object that is appropriate to measure in that unit. Without telling anyone, measure it.

Now in groups of 4, tell others in your group the number of units, but NOT the TYPE of unit or the object. (Example” I measured something that was 6 units long.)

Try to answer these questions:

Who measured the longest object?

Who measured the shortest object?

Now each member should reveal the unit and answer the questions above.

Together, answer the following questions:

1. Did the largest number represent the largest sized object? Would this always be true?
2. If you used the same unit is the comparison easy?
3. How can you compare your objects to determine whose is largest?
4. Would it take more inches or feet to measure this room? How do you know?
5. Would you measure a pencil in feet? Why?
6. How might decimals help you to measure a pencil with meter stick?