

## CHECK FOR UNDERSTANDING: Protractors

- Your table has FIVE MINUTES to make sure everybody is prepared for the upcoming CFU on using a protractor.
- If people at your table got a problem incorrect, you ALL NEED TO WORK TOGETHER to make sure that they understand.
- If somebody at your group does not get a $100 \%$ on the CFU, it is partly your fault because your group didn't teach them well enough!!!
- I will accept measurements WITHIN THREE DEGREES as correct. Be precise!!

1) $122^{\circ}$
2) $76^{\circ}$
3) $167^{\circ}$

4 \& 5) (look at your neighbors' angles for these)


## Angles in the Classroom

- Which type of angle is most common in this classroom?
- Challenge: Without moving, find as many examples of acute and obtuse angles in this classroom as you can!




## IMPORTANT GEOMETRY VOCAB

- Two angles that have the same measure are called

CONGRUENT.
Symbol: $\cong \overbrace{2}^{T}$
, Shown in a diagram using arc marks.

$$
\angle 2 \cong \angle 10
$$



- Complementary Angles are two angles whose measures add up to $90^{\circ}$.
- Supplementary Angles are two angles whose measures add up to $180^{\circ}$.
- (They don't have to be adjacent!!!)


Find the missing angle measures:


- Vertical Angles:Angles across from each other at the intersection of two straight lines.
, They are always congruent!!!

, $\angle 1 \cong \angle 3$ and $\angle 2 \cong \angle 4$

- Two angles that form a straight line will always be supplementary!

- $m \angle 1+m \angle 2=180^{\circ}$
ame an example of each of the following:
- An acute angle
- An obtuse angle
- A right angle
- A straight angle
- A pair of vertical angles
- A pair of complementary angles
- A pair of supplementary angles
- A pair of adjacent angles
- A pair of congruent angles


