Warmup 2/(\# of touchdowns the Eagles scored yesterday) Created by Mr. Lischwe
***Make sure you have a SMALL whiteboard, marker, and eraser inside your desk. No big whiteboards.***

Solve these analogies. Fill in the blanks so that both pairs of items have the same relationship.

1. Basketball: orange :: golf ball:
2. Blake Shelton: country :: Drake: $\qquad$
3. Solid:melt :: liquid: $\qquad$
4. Skeptical:belief $::$ Liar: $\qquad$
5. $16: 4$ :: 36 :
6. Addition:multiplication :: multiplication: $\qquad$


## Exponents \& Scientific Notation Test

- YOU CAN RETAKE INDIVIDUAL TASKS! (Don't miss this groundbreaking opportunity!)
- Example of a great answer for Task 6 \#1:
That 6 63 pobits) (1 P point for a weak answer, 2 points tor a decent answer, 3 points for a great answern



 The comect woy is Ex. $\times^{3}$
3.5 occause when $=x^{15}$ you expand the power you expand the pours
out youll see that its $x^{3}$ multiplied times. Sincl we know to add the exponcrs when multiplyrag.
lonusproblems the ansure is $\times 15$ winich is $\times 3 \times 5$ ! -
$\qquad$





## Brainstorm:

$■$ What do we remember about angles???


4 ways to name this angle...


NAMING ANGLES

- Use 3 letters - the middle letter

MUST be the vertex

- May use 1 letter ONLY IF there's only one angle at that vertex

Which angle is has a greater measure?


4 "Categories" of angles

- Acute: between 0 and 90 degrees
- Right: exactly 90 degrees
- Obtuse: between 90 and 180 degrees
- Straight: exactly 180 degrees
- (If $\mid$ were you, I would puta picture representing each type too
- By the way, an angle over 180 degrees is called a "reflex" angle

- What is the complement of a $50^{\circ}$ angle?
- What is the supplement of a $50^{\circ}$ angle?
- What is the complement of a $27^{\circ}$ angle?
- What is the supplement of a $102^{\circ}$ angle?
- What is the supplement of a $155.5^{\circ}$ angle?
- What is the complement of a $45^{\circ}$ angle?
- What is the complement of a $95^{\circ}$ angle?

Find the missing angle measures:


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

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


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


HOMEWORK

- Angle Basics Worksheet

