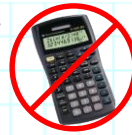


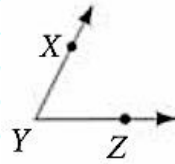
2A.1 Learning Opportunity

Measurement: Angles

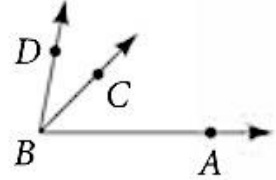


Name: _____

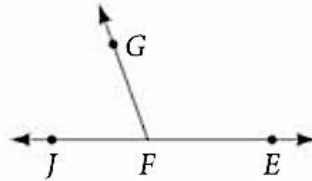
- 1) Name this angle three ways



- 2) Find $m\angle CBD$ if $m\angle ABC = 45^\circ$ and $m\angle ABD = 79^\circ$

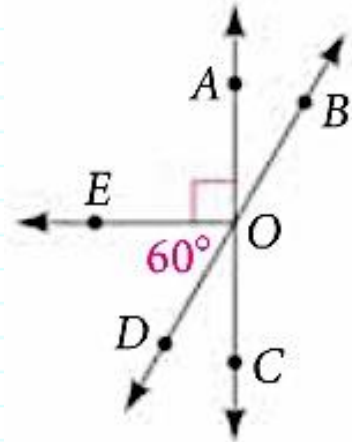


- 3) Find $m\angle GFJ$ if $m\angle EFG = 110^\circ$

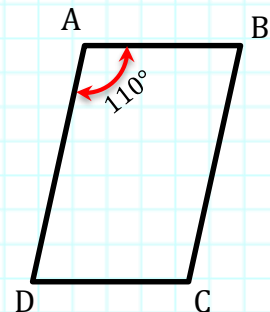


Examine this picture to answer the questions that follow.

- 4) Name an angle supplementary to $\angle AOD$
- 5) Name an angle adjacent and congruent to $\angle AOE$
- 6) Name an angle complementary to $\angle EOD$
- 7) Name an angle vertical to $\angle DOC$
- 8) What is $m\angle EOC$
- 9) What is $m\angle DOC$
- 10) What is $m\angle AOB$
- 11) What is $m\angle COB$



- 12) In a parallelogram, adjacent angles are supplementary.



Use this fact to find $m\angle B$, $m\angle C$, and $m\angle D$

13) What is the angle measurement of the hands of a clock at 7:00?



14) What is the angle measurement of the hands of a clock at 4:00?



15) What is the angle measurement of the hands of a clock at 5:20?



16) A sailboat changes course at a rate of 3° [3 degrees] per second. What is the least number of seconds the sailboat needs to change from a heading (direction) of 41° East of North (shown) to a new heading of 59° West of South?

