

Name:

**2-A Geometric Notation**

1. Sketch and label the following.

a)  $\overleftrightarrow{AB} \parallel \overleftrightarrow{CD}$

b)  $\overline{EH} \perp \overline{GH}$

c)  $\overline{JK} \cong \overline{LK}$

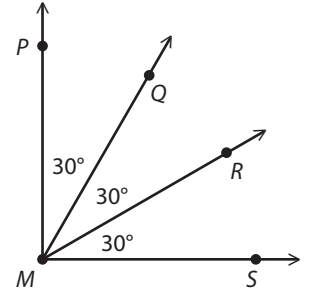
2. Identify all pairs of congruent angles in the diagram at right.

a)  $\angle$  \_\_\_\_\_  $\cong$   $\angle$  \_\_\_\_\_

b)  $\angle$  \_\_\_\_\_  $\cong$   $\angle$  \_\_\_\_\_

c)  $\angle$  \_\_\_\_\_  $\cong$   $\angle$  \_\_\_\_\_

d)  $\angle$  \_\_\_\_\_  $\cong$   $\angle$  \_\_\_\_\_



**2-B Circles**

3. Name two of each of the following in circle C at right.

a) chord

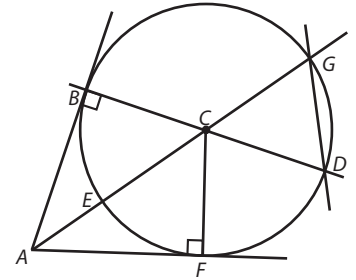
b) tangent

4. Name one of each of the following in circle C above.

a) minor arc

b) major arc

c) semicircle



d) central angle

e) inscribed angle

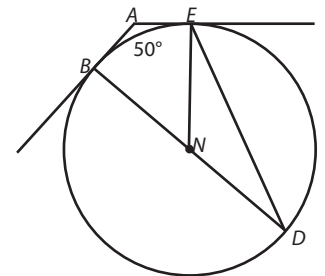
f) circumscribed angle

5. Calculate the measure of each of the following angles in circle N at right.

a)  $\angle BCE$

b)  $\angle BDE$

c)  $\angle BAE$

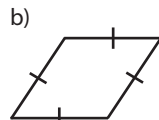


**2-C Quadrilaterals**

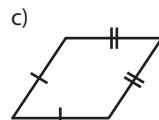
6. For each figure, check each label that applies.



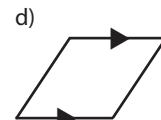
- quadrilateral
- square
- rectangle
- rhombus
- parallelogram
- kite
- trapezoid



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