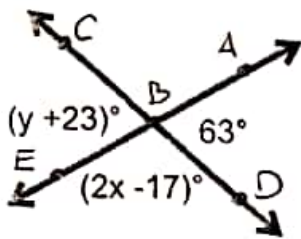


Assignment: Finding Angle Measures



8.)



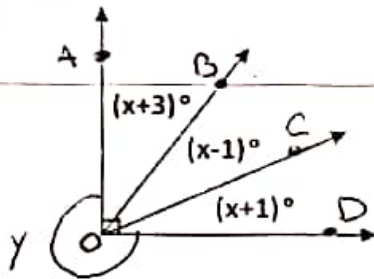
a.) Solve for x (show all work):

$$m\angle DBE = \underline{\hspace{2cm}}$$

b.) Solve for y (show all work):

$$m\angle CBE = \underline{\hspace{2cm}}$$

9.)



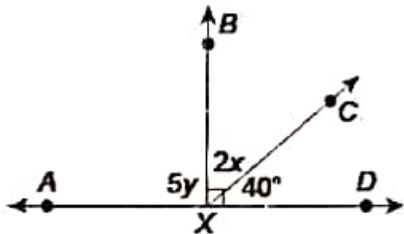
a.) Solve for x (show all work):

$$m\angle AOB = \underline{\hspace{1cm}} \quad m\angle BOC = \underline{\hspace{1cm}} \quad m\angle COD = \underline{\hspace{1cm}}$$

b.) Solve for y (show all work):

$$m\angle y = \underline{\hspace{2cm}}$$

10.)



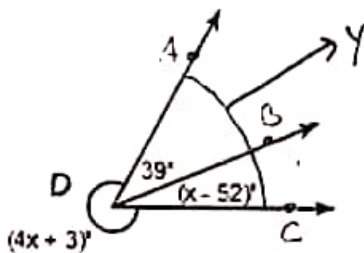
a.) Solve for x (show all work):

$$m\angle BXC = \underline{\hspace{2cm}}$$

b.) Solve for y (show all work):

$$m\angle AXB = \underline{\hspace{2cm}} \quad m\angle AXC = \underline{\hspace{2cm}}$$

11.)



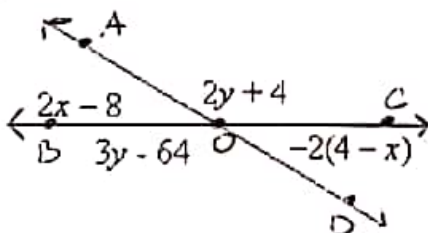
a.) Solve for x (show all work):

$$m\angle BDC = \underline{\hspace{2cm}} \quad m\angle ADC = \underline{\hspace{2cm}}$$

→ b.) Solve for y (show all work):

$$m\angle y = \underline{\hspace{2cm}}$$

12.)



a.) Solve for x (show all work):

$$m\angle AOB = \underline{\hspace{2cm}} \quad m\angle COD = \underline{\hspace{2cm}}$$

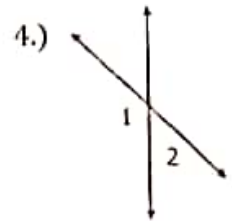
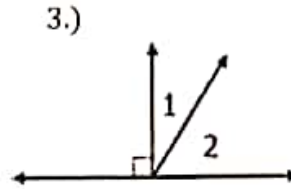
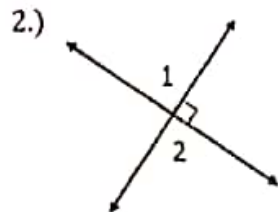
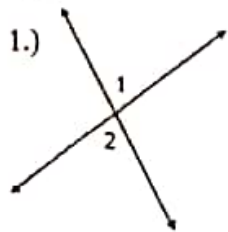
b.) Solve for y (show all work):

$$m\angle AOC = \underline{\hspace{2cm}} \quad m\angle BOD = \underline{\hspace{2cm}}$$

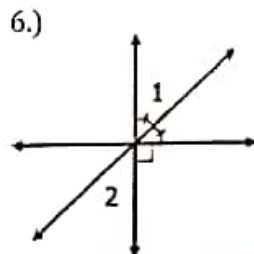
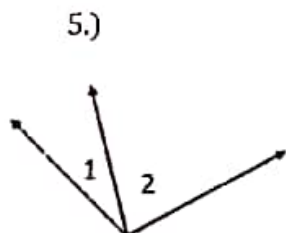
Name _____ Date _____ Per _____

Assignment: Finding Angle Measures

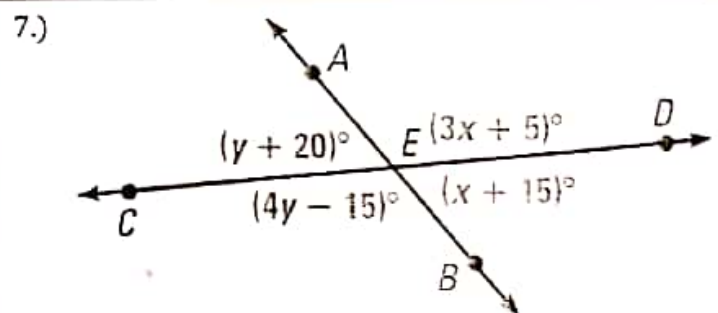
Check all relationships that apply between angles 1 and 2 within each diagram.



| | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input type="radio"/> Adjacent | <input type="radio"/> Adjacent | <input type="radio"/> Adjacent | <input type="radio"/> Adjacent |
| <input type="radio"/> Vertical | <input type="radio"/> Vertical | <input type="radio"/> Vertical | <input type="radio"/> Vertical |
| <input type="radio"/> Complementary | <input type="radio"/> Complementary | <input type="radio"/> Complementary | <input type="radio"/> Complementary |
| <input type="radio"/> Supplementary | <input type="radio"/> Supplementary | <input type="radio"/> Supplementary | <input type="radio"/> Supplementary |
| <input type="radio"/> Linear pair | <input type="radio"/> Linear pair | <input type="radio"/> Linear pair | <input type="radio"/> Linear pair |



| | |
|-------------------------------------|-------------------------------------|
| <input type="radio"/> Adjacent | <input type="radio"/> Adjacent |
| <input type="radio"/> Vertical | <input type="radio"/> Vertical |
| <input type="radio"/> Complementary | <input type="radio"/> Complementary |
| <input type="radio"/> Supplementary | <input type="radio"/> Supplementary |
| <input type="radio"/> Linear pair | <input type="radio"/> Linear pair |



a.) Solve for x (show all work):

b.) Solve for y (show all work):

c.) $m\angle AEC$: _____ d.) $m\angle AED$: _____

e.) $m\angle DEB$: _____ f.) $m\angle BEC$: _____

