

Zoe Carver

F-Block

9.13.17

3)

$\angle ABC$ $M\angle ABC$

6) See Paper

9) **Accute**, 60°

12) **Obtuse**, 130°

15)

$\angle DOC$

18)

$\angle DOC$

21) **30°**

24) **Yes**, it is symmetrical and it has the equal signs on the length and they share the other line segment.

27) **True** because each angle is 90° and $2 * 90 = 180$.

30) **True** because the triangle is symmetrical and C is a point on the line of cemetery

33) **115**, because ACB is supplementary to BCD and $ACB = 65$ therefore $180 - 65 = 115$ and we have our answer.

36) **150**, because each 5 minute segment would be 30° and 6 oclock would be 180° and $180 - 30 = 150$

39) **30°** , because as I stated above each 5 minute time segment is 30° and at 5:20 there is exactly a 5 minute space between the two hands.

42) $x = 12$

$$m\angle AOC = 82$$

$$m\angle AOB = 32$$

$$m\angle BOC = 50$$

45) $x = 7$

$$m\angle AOB = 31$$

$$m\angle BOC = 49$$

$$m\angle AOD = 111$$