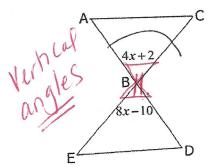
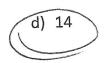
8) What is the m∠ABC?



a) 3

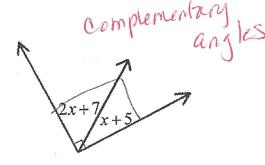
c) 9



$$4x+2=8x-10$$
 $-4x+10=4x+10$
 $12=4x$

$$3 = x$$

9) What is the value of x?







- c) 61°
- d) 59°

$$3 \times +12 = 90$$
 $-12 - 12$

Pythagorean Theorem



Pythagorean Theorem

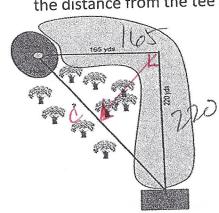
1) Determine which could be the sides of a right triangle.

a) 7, 25, 24

b) 12, 8, 15

c) 42, 22, 21

d) 5, 7, 8 2 + 12 = 15 44 + 1716 = 1252) One hole on a golf course is designed as a dog-leg left. The distance from the tee area 24 + 164to hend in the fairway is 220 yards and the distance to the hole from there is 165 yards. to bend in the fairway is 220 yards and the distance to the hole from there is 165 yards. Johnny thinks he can clear the trees and reach the hole directly from the tee. How far is the distance from the tee area to the hole?



by 192.5 yds

- d) 385 yds

1652+2202=c2 27225 +48400=