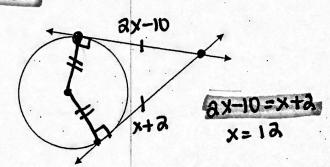


Math 3 Unit 5

Name _ key

Day 2 Notes: Segments

Tangent- a line which intersects the circle at one point

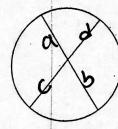


$$\frac{3^{2}+4^{2}-c^{2}}{3^{2}+4^{2}-c^{2}}$$
 $C=5$
 $(x=2)$

Segments in Circles:

IN the circle

railroad



$$ab=cd$$
 $ab=cd$
 $a=3$
 $c=7 \rightarrow 3b = (6)(7)$
 $b=7$
 $c=6$
 $b=14$

Witch Hat cut (whole) = out (whole)

$$0=8$$
 $0=7$
 $0=8$
 $0=10$
 $0=10$
 $0=10$
 $0=10$
 $0=10$
 $0=10$

Bird

tangent2 = out (whole) 9

$$a^a = c(c+d)$$

$$C = 4$$
 $C = 4$
 $C = 4$