

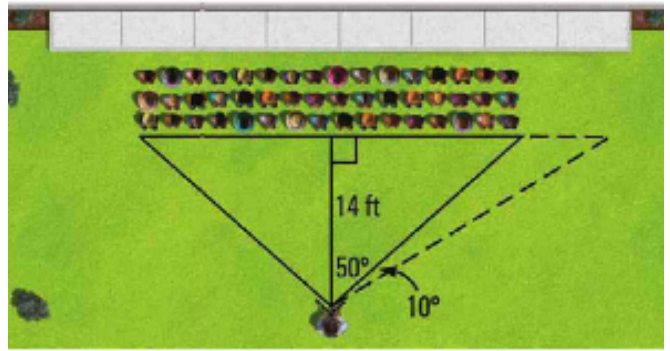
Chapter 7 Targets

Student Targets	Review Problems	Problems I understood	Problems I need help with
I can use Pythagorean Theorem to solve for a missing side on a right triangle.	Pg 494 #5, 6, Pg 437 #11 (#11 also includes finding the area)		
I can use Pythagorean Theorem to determine if a triangle is acute, right, or obtuse.	Pg 495 #9, 10		
I can use proportions to find the missing side in similar right triangles (when the large one is cut to make a medium and a small)	Pg 495 #15, 18		
I can use the 45-45-90 triangle to find the missing sides.	Pg 496 #19		
I can use the 30-60-90 triangle to find the missing sides.	Pg 496 #20, 21		
I can find the sin, cos, and tan ratios given the sides of a right triangle.	Pg 497 #29		
I can use sin, cos, and tan to find the missing side of a right triangle.	Pg 496 #24, Pg 477 #11, 15		
I can use \sin^{-1} , \cos^{-1} , and \tan^{-1} to find the missing angles of a right triangle.	Pg 497 #30, Pg 486 #6		
I can draw a picture and solve a story problem using sin, cos, and tan.	Pg 496 #22, Pg 498 #17, Pg 482 #6a&c		
I can find and correct errors in others' work.	Pg 469 #13, 14		
IRRROC	Pg 471 #33		

Chapter 7 Targets

IRRROC for Mathematics

Your class is having a class picture taken on the lawn. The photographer is positioned 14 feet away from the center of the class. If she looks toward either end of the class, she turns 50° . What is the distance between the ends of the class?



I

I have determined that

R

The reasoning through which I achieved my solution is shown in my work below.

R

R

O

On the other hand, a person may make a mistake

C

In conclusion,
