

ANSWER PRESENTATION TOOL

Blue - Student Edition

7

3 - Exercise

1,2, 5-9 odd

ALL EVEN

Show Solu

ODD

1. The hypotenuse is the longest side and the legs are the other two sides.

2. Which side is a leg?;
 a or b ; c

5. 9 in.

7. 24 cm

9. The length of the hypotenuse was substituted for the wrong variable.

$$a^2 + b^2 = c^2$$

$$7^2 + b^2 = 25^2$$

$$49 + b^2 = 625$$

$$b^2 = 576$$

$$b = 24$$

10. 6.5 ft

12. 37 mm

14. yes; The distance from the player's mouth to the referee's ear is 25 feet.

16. 7

18. yes; The rod is 25 inches long and the diagonal from a top corner to the opposite bottom corner is 26 inches long.