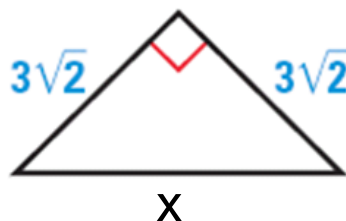
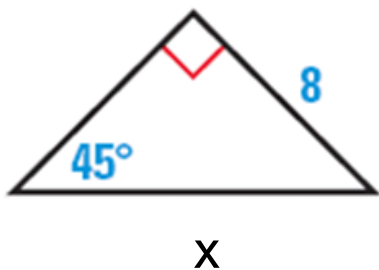
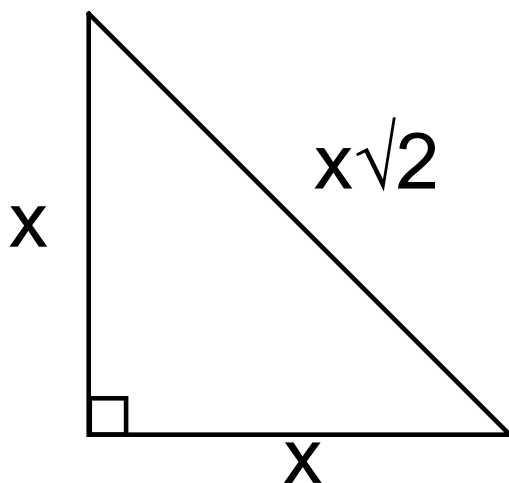
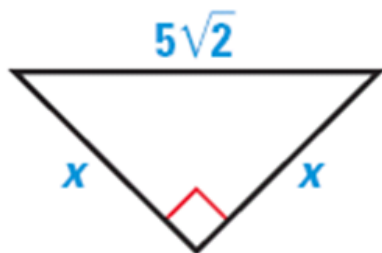


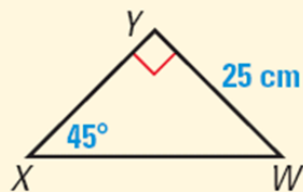
Chapter 7.4: Special Right Triangles

45-45-90





Triangle WXY is a right triangle.
Find the length of \overline{WX} .



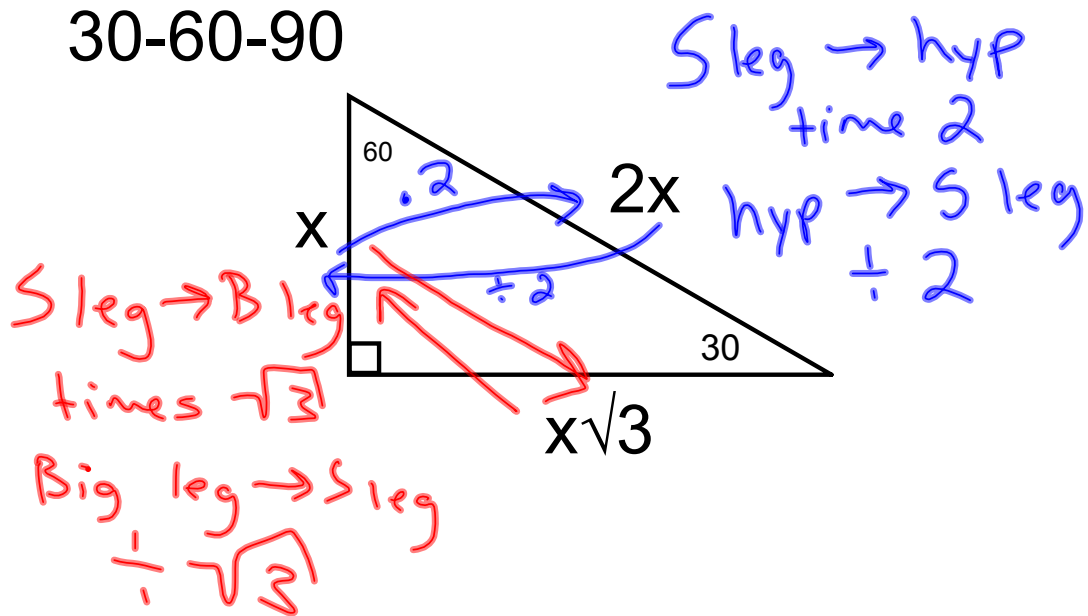
(A) 50 cm

(B) $25\sqrt{2}$ cm

(C) 25 cm

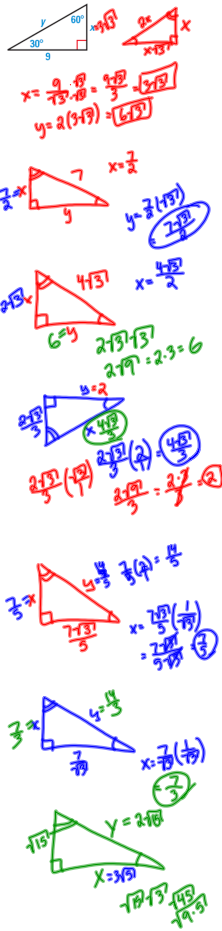
(D) $\frac{25\sqrt{2}}{2}$ cm

30-60-90



The logo on the recycling bin at the right resembles an equilateral triangle with side lengths of 6 centimeters. What is the approximate height of the logo?





The body of a dump truck is raised to empty a load of sand. How high is the 14 foot body from the frame when it is tipped upward at the given angle?



a. 45° angle

b. 60° angle

Homework: Chapter 7.4

#'s 4-10e,11,12-16e