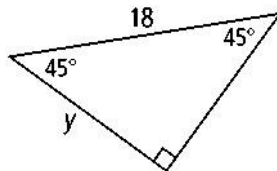


# 8-2

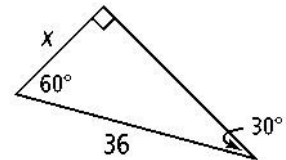
## Special Right Triangles

Find the value of each variable. If your answer is not an integer, express it in simplest radical form.

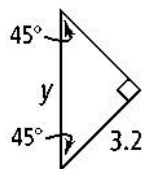
1.



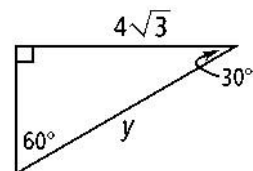
2.



3.



4.



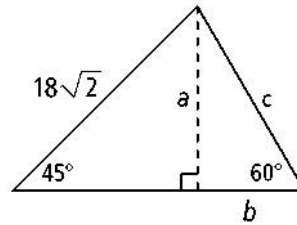
5. A square has side length 95. What is the length of the diagonal of the square? Express your answer in simplest radical form.

6. A square has diagonal length 13 m. What is the side length of the square, to the nearest centimeter?

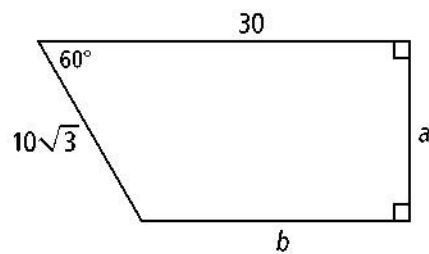
Name \_\_\_\_\_ Class \_\_\_\_\_

Find the value of each variable. If your answer is not an integer, express it in simplest radical form.

7.



8.



9. An equilateral triangle has perimeter 120 in. What is the area of the triangle? Express your answer in simplest radical form.

