

**Practice 8.2****Special Right Triangles**

Find the value of each variable. Leave your answers in simplest radical form.

1.



2.



3.



4.



5.



6.



7.



8.



9.



10. Find the length to the nearest centimeter of the diagonal of a square 30 cm on a side.

11. The hypotenuse of an isosceles right triangle is 8.4 in. Find the length of a side to the nearest tenth of an inch.

12. In a  $30^\circ - 60^\circ - 90^\circ$  triangle, the shorter leg is 6 ft long. Find the length to the nearest tenth of a foot of the other two sides.

13. Each side of a rhombus is 14 in. long. Two of the sides form a  $60^\circ$  angle. Find the area of the rhombus. Round your answer to the nearest square inch.

**Algebra** Find the value of each variable. Leave your answers in simplest radical form.

14.



15.



16.



# Practice 8 2 Special Right Triangles Form K

**Wenbin Ji**

A decorative graphic element consisting of a light blue horizontal bar with a rounded right end, and a red-to-white gradient semi-circle on the right side of the bar.

**Practice 8 2 Special Right Triangles Form K:**

## Enjoying the Melody of Term: An Emotional Symphony within **Practice 8 2 Special Right Triangles Form K**

In a global taken by displays and the ceaseless chatter of immediate communication, the melodic beauty and psychological symphony produced by the published term usually diminish into the backdrop, eclipsed by the constant sound and interruptions that permeate our lives. Nevertheless, set within the pages of **Practice 8 2 Special Right Triangles Form K** a marvelous fictional treasure full of fresh feelings, lies an immersive symphony waiting to be embraced. Crafted by a masterful musician of language, this interesting masterpiece conducts readers on an emotional trip, skillfully unraveling the concealed tunes and profound impact resonating within each cautiously constructed phrase. Within the depths of the emotional evaluation, we can examine the book is main harmonies, analyze their enthralling publishing fashion, and submit ourselves to the profound resonance that echoes in the depths of readers souls.

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