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#Jenny



Finally I get this ebook, thanks for all these I can get now!

#Rio



Cool! I'am really happy

#Markus Jensen



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My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

Special Right Triangles
In each triangle, find x and y . (calculator is NOT necessary)

SOLUTIONS

A) 2 congruent legs, so it is a 45-45-90 right triangle...
 $y = 4$
 $x = 4\sqrt{2}$

B) 30-60-90 right triangle...
small leg is $\frac{1}{2}$ the hypotenuse...
 $x = 7$
medium side is small $\cdot \sqrt{3}$
 $y = 7\sqrt{3}$

C) $10\sqrt{2}$
 30°
 $x = 10$ $y = 10$

D) 60°
 $4\sqrt{3}$
recognizing the ratios of the sides...
 $y = 4$ and $x = 8$

E) 45°
 $14\sqrt{2}$
 $x = 14$

F) $8\sqrt{3}$
 30°
since the small leg is $\frac{1}{2}$ the hypotenuse...
the big leg is $\frac{\sqrt{3}}{2}$ the hypotenuse...
and, the hypotenuse is $2 \cdot \frac{1}{2} \sqrt{3} = \sqrt{3} \cdot y$
 $2 \cdot \frac{1}{2} \sqrt{3} = \sqrt{3} \cdot y$

G) 12
 30°
 $x = \frac{12}{\sqrt{2}} = 6\sqrt{2}$

H) 8
 30°
 $x = \frac{8}{\sqrt{3}}$
 $y = 2 \cdot \frac{8}{\sqrt{3}} = \frac{16}{\sqrt{3}}$

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