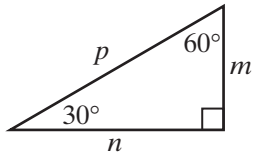
Name _____ Class _____ Date _____

Practice 11-5

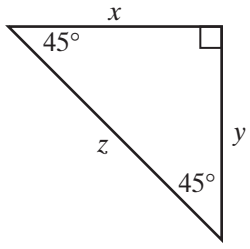
Special Right Triangles

The length of one side of the triangle is given in each row of the table. Find the missing lengths for that triangle.

	m	*n*	*p*
1.	14		
2.			36
3.		$9\sqrt{3}$	
4.	5		



	x	*y*	*z*
5.	11		
6.		8.7	
7.			$7\sqrt{2}$
8.	17		



Tell whether a triangle with sides of the given lengths could be 45°-45°-90° or 30°-60°-90°. Explain.

9. $3\sqrt{2}, 3\sqrt{2}, 6$

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_____

10. 10, 24, 26

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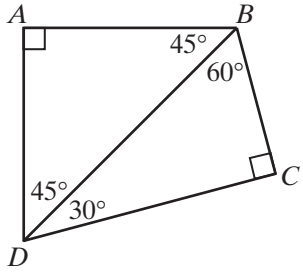
In the figure, $BD = 6\sqrt{2}$. Find each value.



11. AB _____ **12.** AD _____

13. BC _____ **14.** CD _____

15. One leg of a 45°-45°-90° right triangle measures 14 cm. Find the exact perimeter.

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