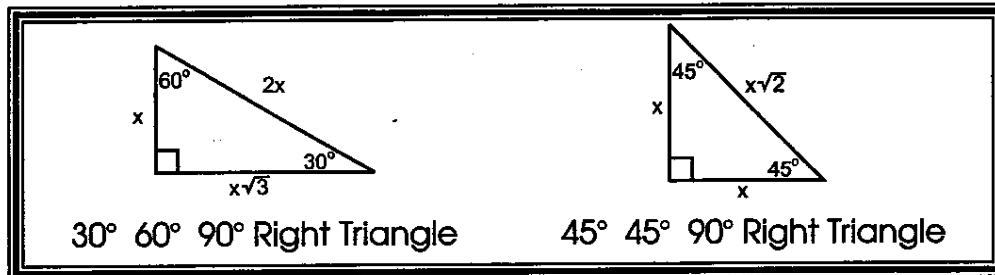
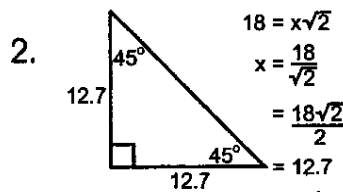
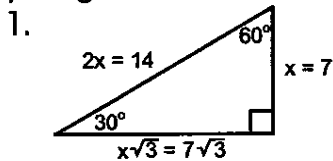


Manipulating Special Right Triangles

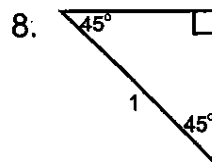
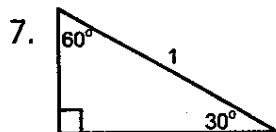
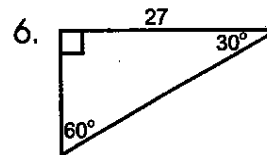
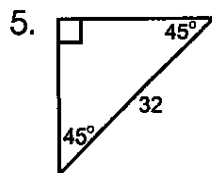
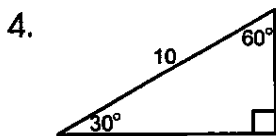
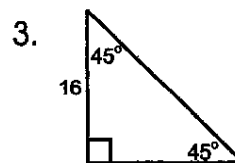
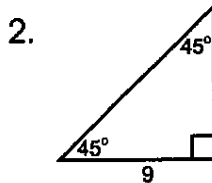
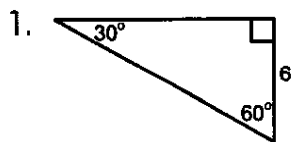


Example: Find the missing sides of each triangle. Leave in radical form.

Note: Since these are right triangles, you can check your answer using the Pythagorean theorem.



Find the missing sides of each triangle. Check your answers using the Pythagorean theorem.



Cross out the correct answers below. Use the remaining letters to complete the statement.

9 O	9/2 I	16√2 N	1/4 S	24 H	9√2 F	25 A	√2 L	16√2 O	√3 F	3 T	12 U
10 H	5 R	81 E	1/2 T	6√3 H	9√3 O	5/2 H	1/8 Y	7 P	16√2 F	7√2 O	√2/2 T
5√3 H	√2/2 E	11√2 T	11/2 E	15 N	25/2 U	16 L	√3/2 E	3/2 S	16√3 E	18√3 G	15/2 .

In a 30–60 degrees right triangle, the side opposite the 30-degree angle
