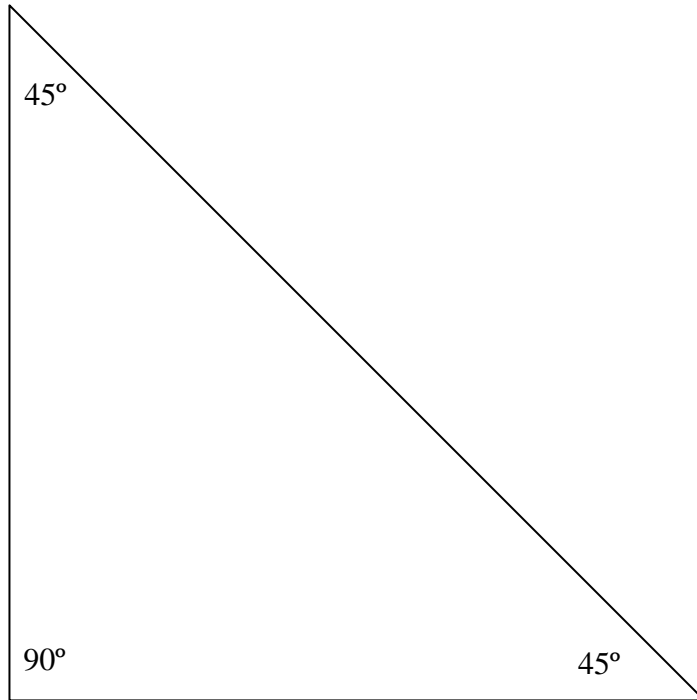
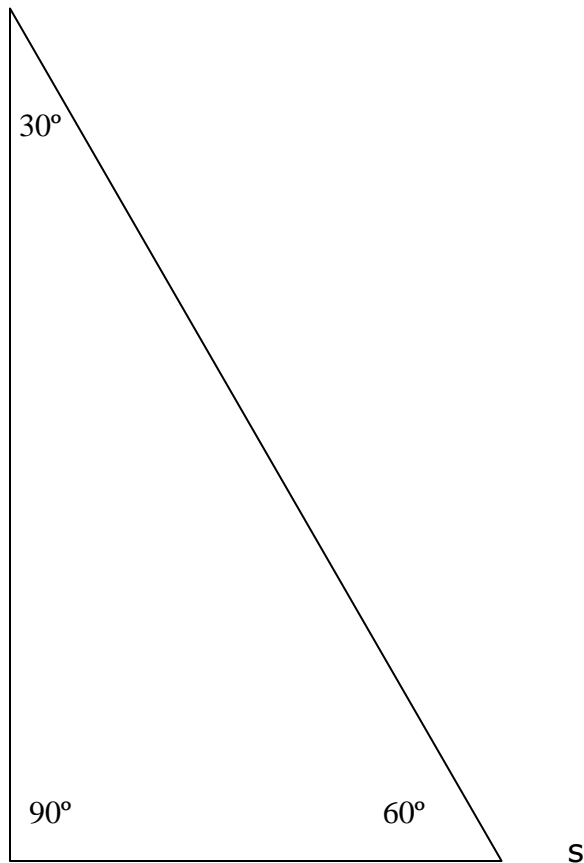


Special Triangles

Cut out each of these right triangles, and then label the lengths of the sides following the directions for each figure.



- Find the lengths of each of the sides when the hypotenuse is 1.
- Find the lengths of each of the sides when the legs are 1.
- Find the lengths of each of the sides when the legs are a .



- Find the lengths of each of the sides when the hypotenuse is 1.
- Find the lengths of each of the sides when the side opposite the 30° angle (the shortest side) is 1.
- Find the lengths of each of the sides when the side opposite the 30° angle (the shortest side) is a .