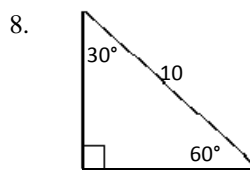
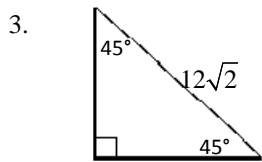
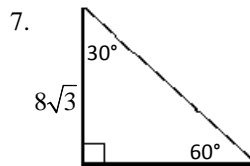
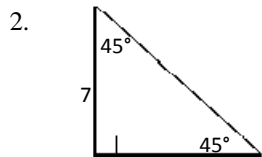
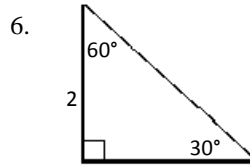
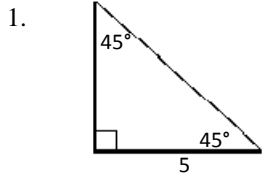
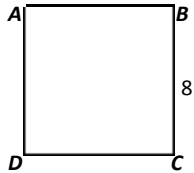


Special Right Triangles

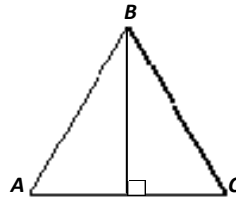
Directions: Find the missing sides of the right triangle.



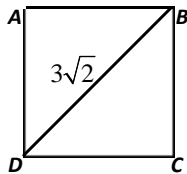
4. $ABCD$ is a square. Find the length of \overline{BD} .



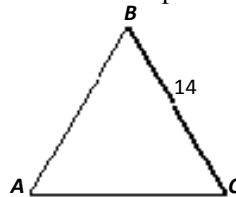
9. Find the altitude of equilateral triangle ABC .



5. Find the area and perimeter of square $ABCD$.



10. Find the area and perimeter of equilateral triangle ABC .



11. A room is in the shape of a regular hexagon with each side equal to 12 feet. Find the distance between two opposite walls of the room. Round your answer to the nearest whole number.