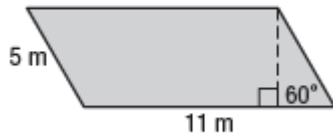


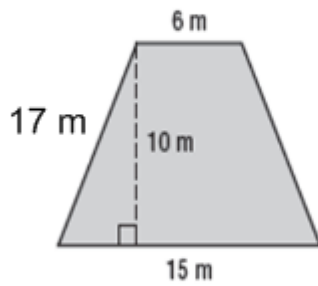
Area and Perimeter of Quadrilaterals HW

Find the area and perimeter of the following quadrilaterals. Give the exact answer and the decimal equivalent where applicable.

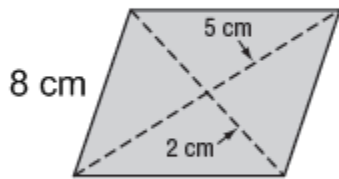
1.



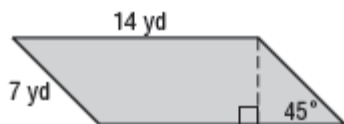
2.



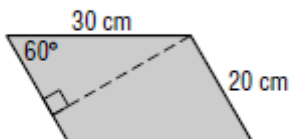
3.



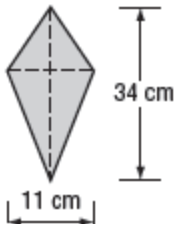
4.



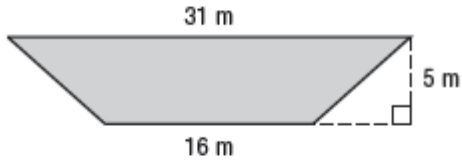
5.



6. Find the area.



7. Find the area.



8. One diagonal of a kite is four times as long as the other diagonal. If the area of the kite is 72 square meters, what are the lengths of the diagonals?
9. The height of a parallelogram is 10 feet more than its base. If the area of the parallelogram is 120 square feet, find its base and height.
10. A trapezoid has a height of 24 meters, a base of 4 meters, and an area of 264 square meters. What is the length of the other base?