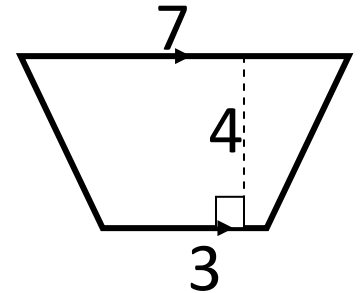


Name: _____

Geometry Notes—Section 10-2: Area of Trapezoid, Rhombus/Kite

Trapezoid: Area = $\frac{1}{2}(\text{base}_1 + \text{base}_2) \cdot \text{height}$

Area =

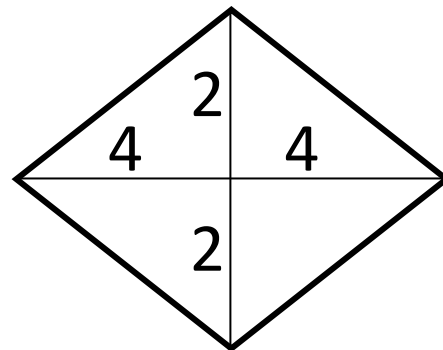


recall bases are the parallel sides.

Rhombus & Kite: Area = $\frac{1}{2} \cdot \text{diagonal}_1 \cdot \text{diagonal}_2$

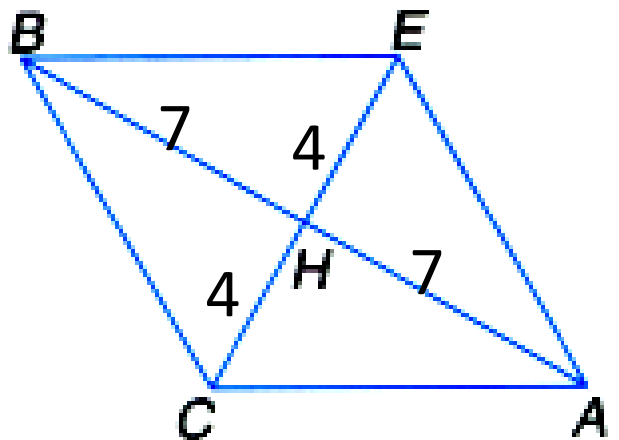
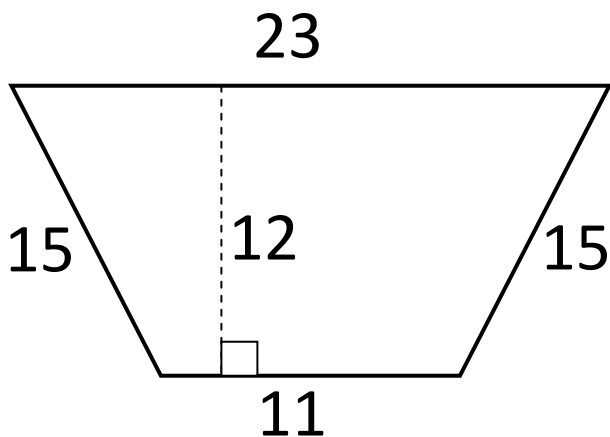
RHOMBUS

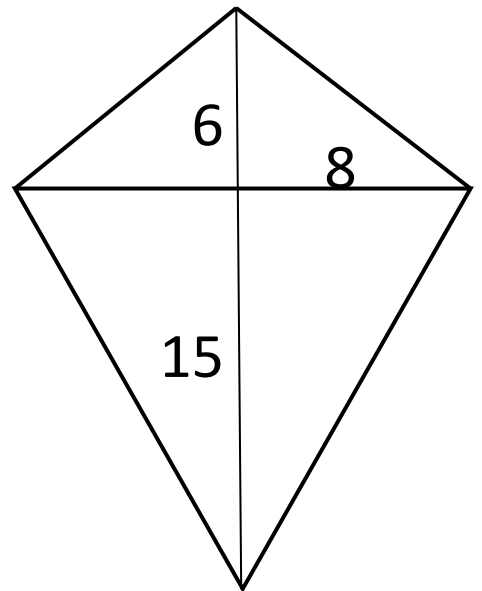
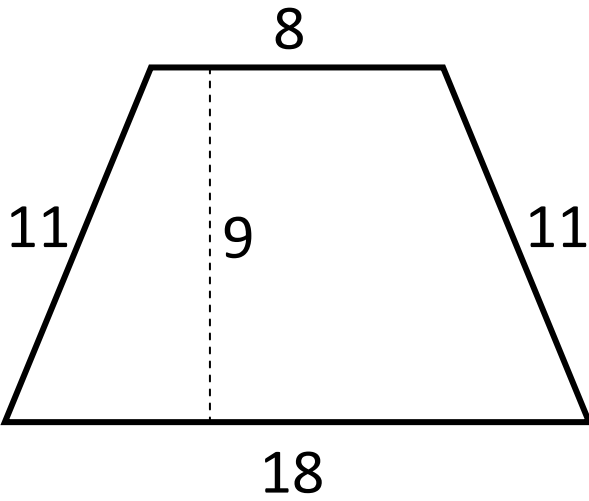
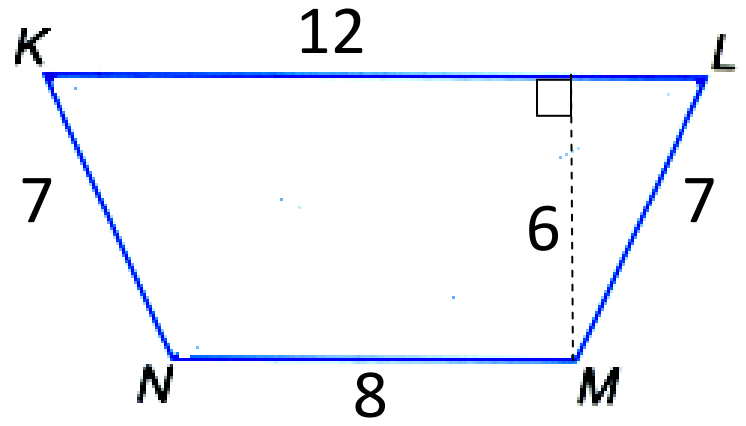
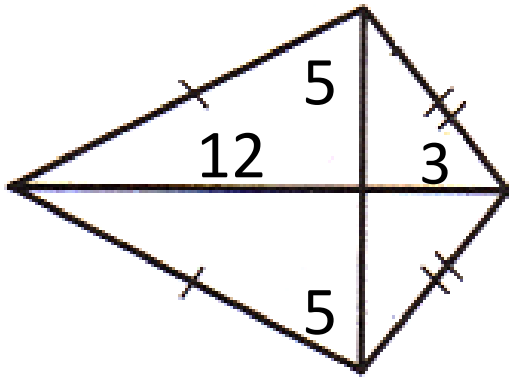
$d_1 =$ $d_2 =$
2 bisecting diagonals



Area =

Find the area of each figure.





Recall Pythagorean Theorem: $a^2 + b^2 = c^2$

