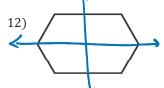
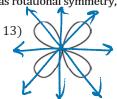
State if the figure in #12-13 has line symmetry or rotational symmetry. If it has rotational symmetry, give the angle and order.



- · line symmetry
- rotational symmetry order: 2 degree: 180°



- · line symmetry · rotational symmetry order: + degree: 90°

Sections 5.7-5.8, 8.2-8.4

1) Determine if the side lengths of 6, 9, and 14 form a triangle. If so, classify the triangle as obtuse, right,

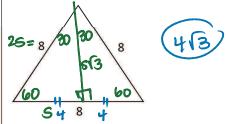
1st  $\triangle$ ? 6+9>1415>14

2nd Type  $c^2$ ?  $a^2+b^2$ 14<sup>2</sup>?  $b^2+9^2$ 

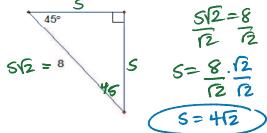
2) What is the sum of the lengths of the diagonals of an 8 by 13 rectangle?



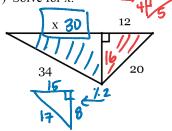
3) Find the altitude of the triangle below.



4) Find the missing side lengths of the right triangle.



5) Solve for x.



6) Find the height of the isosceles trapezoid.

