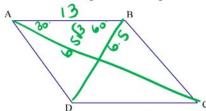
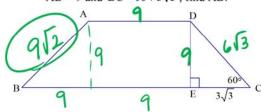


13. The perimeter of rhombus ABCD is 52 and m∠ABC is 120°. Find the lengths of the diagonals.



14. Given ABCD is a trapezoid, AD = 9 and BC = $18 + 3\sqrt{3}$, find AB.



15. Find the perimeter of a square with a diagonal length of 4.

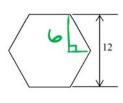


$$x\sqrt{2} = 4$$

 $x = 4\sqrt{2} = 2\sqrt{2}$



16. Find the length of one side of a regular hexagon if its span is 12.



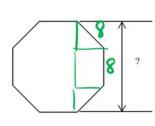


$$x\sqrt{3} = \sqrt{3}$$

$$x = 6\sqrt{3} = 2\sqrt{3}$$



17. If a regular octagon has a perimeter of 64, what is the length of its span?





$$x\sqrt{2}=8$$

$$x=\sqrt{2}=4\sqrt{2}$$

Each side of a square is $10\sqrt{3}$. Find the perimeter of the figure found by joining the midpoints of each 18.