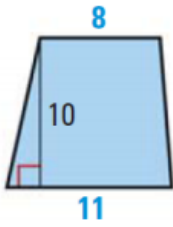


Unit 11- Worksheet #2: Areas of Trapezoids, Rhombuses and Kites

Find the area of the trapezoid. If a diagram is not provided, draw and label a diagram. Show your work.

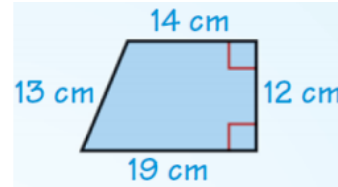
1.)



2.) Bases 6 cm and 10 cm; height 6 cm

3.) Bases 7.6 ft and 4.8 ft; height 5 ft

4.)



Find the area of the rhombus or kite. If a diagram is not provided, draw and label a diagram. Show your work.

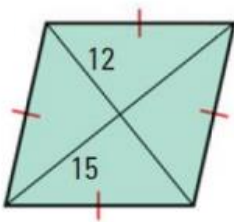
5.) Rhombus with diagonals 50 yd and 60 yd

6.) Kite with diagonals 21 in and 18 in

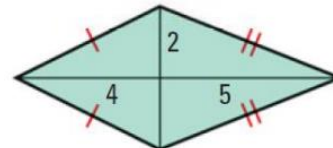
7.) Kite with diagonals 10 mm and 19 mm

8.) Rhombus with diagonals 16 ft and 48 ft

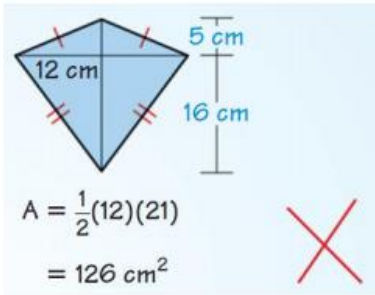
9.)



10.)



11.) **Describe** and **correct** the error in finding the area.



Find the indicated measurement. Draw and label a diagram and show your work.

12.) Given: Trapezoid with bases 22ft and 14ft
 Trapezoid Area= 108 ft²
 Find: trapezoid height

13.) Given: Trapezoid with base 10 m and 20 m height
 Trapezoid Area= 300 m²
 Find: the length of other trapezoid base

14.) Given: Kite with a diagonal of 10 yd
 Kite Area= 100 yd²
 Find: the length of the other diagonal

Find the area of the shaded region.

