

7.  $42 \text{ m}^2$

8.  $378 \text{ in.}^2$

9.  $30 \text{ ft}^2$

10.  $288 \text{ in.}^2$

11.  $300 \text{ m}^2$

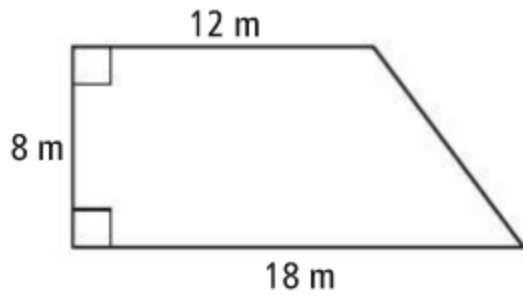
12.  $8 \text{ cm}^2$

14. No; if you know the height, then you need only the lengths of the bases, but not the legs, to find the area.

15. No; unless the rhombus is a square, you cannot calculate the area without knowing the lengths of the diagonals.

16. No; you can calculate the area of a kite from the lengths of the diagonals, without knowing the lengths of the sides.

17.



48 m;  $120 \text{ m}^2$

20.  $10.5 \text{ cm}^2$

21.  $1.8 \text{ m}^2$

22.  $18 \text{ units}^2$

23.  $15 \text{ units}^2$

24.  $15 \text{ units}^2$