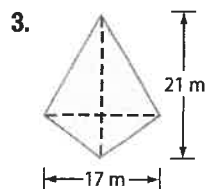
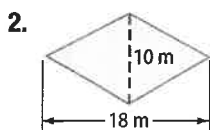
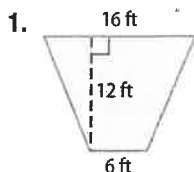


## Check Your Understanding

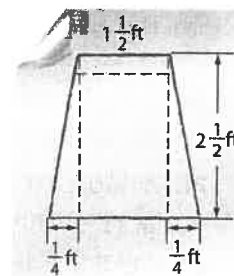
Step-by-Step Solutions begin on page R14.



Examples 1–3 Find the area of each trapezoid, rhombus, or kite.

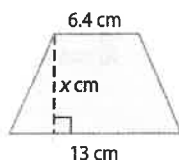


4. **SHORT RESPONSE** Suki is doing fashion design at 4-H Club. Her first project is to make a simple A-line skirt. How much fabric will she need according to the design at the right?

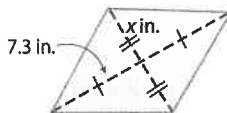


Example 4 **ALGEBRA** Find  $x$ .

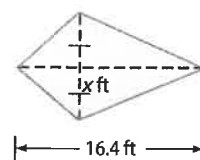
5.  $A = 78 \text{ cm}^2$



6.  $A = 96 \text{ in}^2$



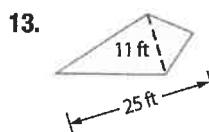
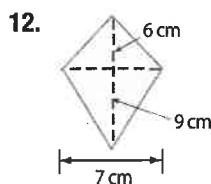
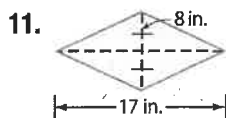
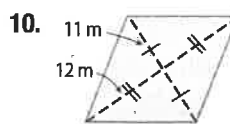
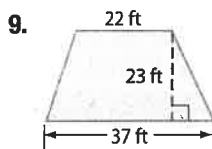
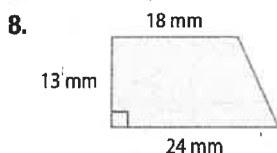
7.  $A = 104 \text{ ft}^2$



## Practice and Problem Solving

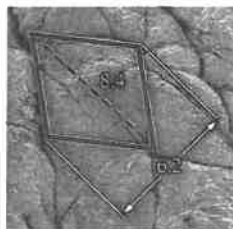
Extra Practice is on page R11.

Examples 1–3 **CCSS STRUCTURE** Find the area of each trapezoid, rhombus, or kite.

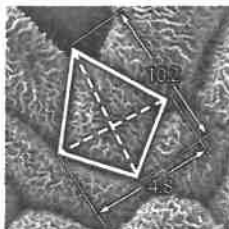


**MICROSCOPES** Find the area of the identified portion of each magnified image. Assume that the identified portion is either a trapezoid, rhombus, or kite. Measures are provided in microns.

14. human skin



15. heartleaf plant



16. eye of a fly

