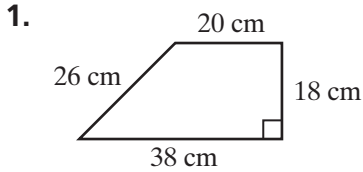


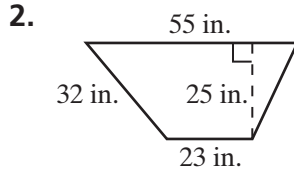
# Practice 10-2

## Area: Triangles and Trapezoids

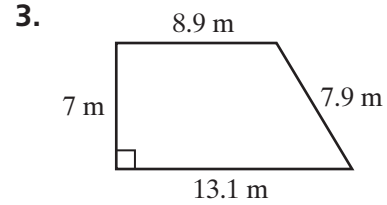
Find the area of each trapezoid.



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4. base<sub>1</sub> = 13 in.  
base<sub>2</sub> = 8 in.  
height = 5 in.

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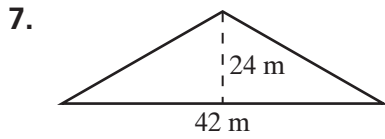
5. base<sub>1</sub> = 24.6 cm  
base<sub>2</sub> = 9.4 cm  
height = 15 cm

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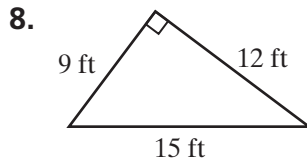
6. base<sub>1</sub> = 2.25 ft  
base<sub>2</sub> = 4.75 ft  
height = 3.5 ft

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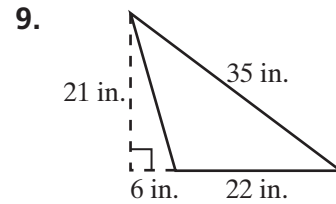
Find the area of each triangle.



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\_\_\_\_\_



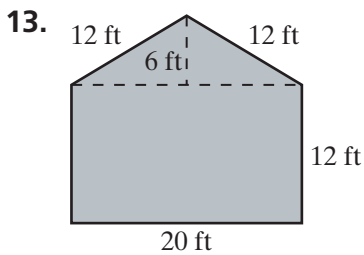
\_\_\_\_\_

10. base = 24 in.  
height = 9 in.  
area = \_\_\_\_\_

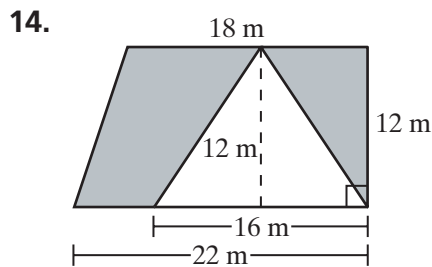
11. height = 27 cm  
base = 34 cm  
area = \_\_\_\_\_

12. base = 40 ft  
height = 8.25 ft  
area = \_\_\_\_\_

Find the area of each shaded region.



\_\_\_\_\_



\_\_\_\_\_

15. A triangle has an area of  $36 \text{ cm}^2$  and a base of 6 cm. What is the height of the triangle?

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