

LESSON

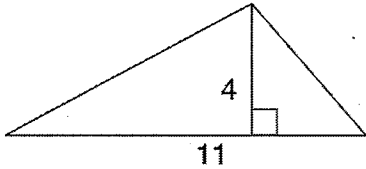
Practice B

9-4

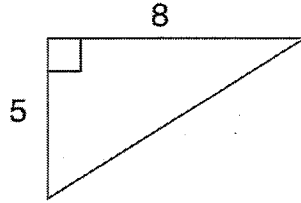
Area of Triangles and Trapezoids

Find the area of each triangle.

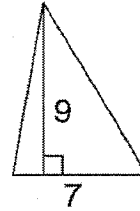
1.



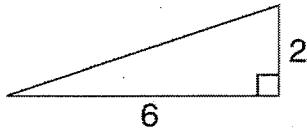
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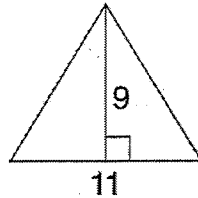
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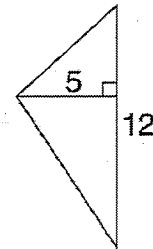
4.



5.

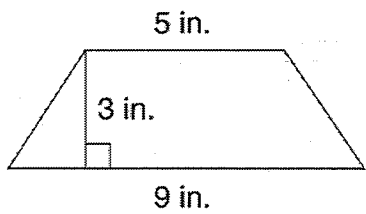


6.

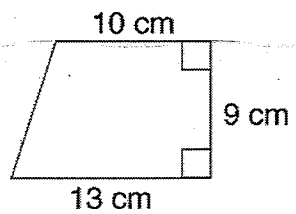


Find the area of each trapezoid.

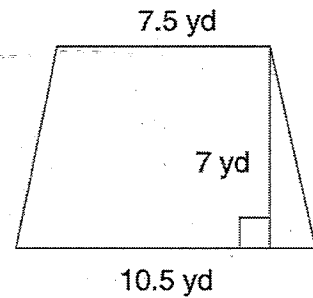
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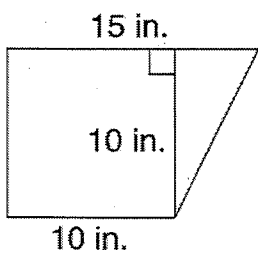
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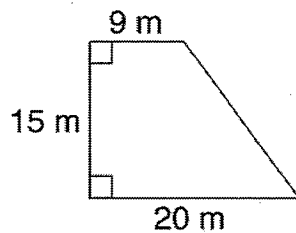
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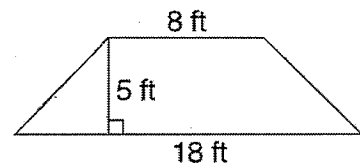
10.



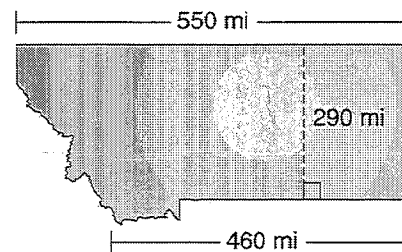
11.



12.



13. The state of Montana is shaped somewhat like a trapezoid. What is the approximate area of Montana?

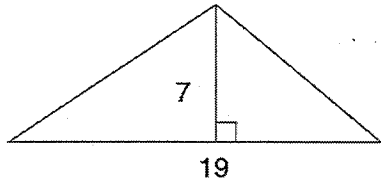


LESSON
9-4

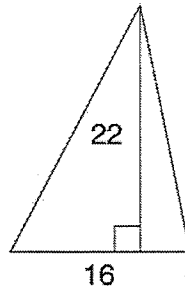
Practice C
Area of Triangles and Trapezoids

Find the area of each triangle.

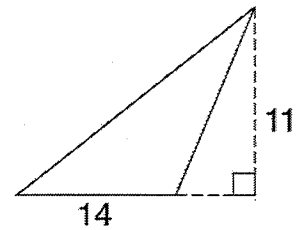
1.



2.

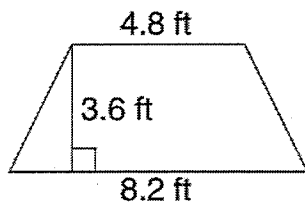


3.

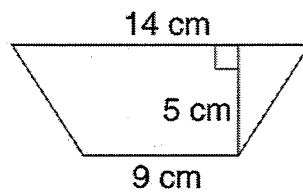


Find the area of each trapezoid.

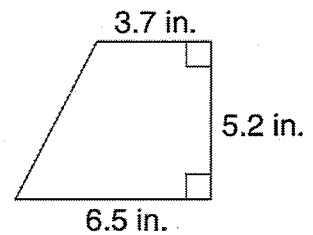
4.



5.



6.



Find the missing measurement of each triangle.

7. $A = 100 \text{ yd}^2$
 $b = 25 \text{ yd}$

$h =$ _____

8. $b = 5 \text{ in.}$
 $h = 0.8 \text{ in.}$

$A =$ _____

9. $A = 1,955 \text{ cm}^2$
 $h = 85 \text{ cm}$

$b =$ _____

For 10–11, find the area of the polygon with the given vertices.

10. $(2, 3), (5, 7), (10, 3), (9, 7)$

11. $(-2, 6), (-7, 1), (-7, 6)$

12. The state of Vermont is shaped somewhat like a trapezoid. What is the approximate area of Vermont?

