

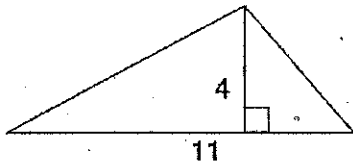
LESSON
9-4

Practice B

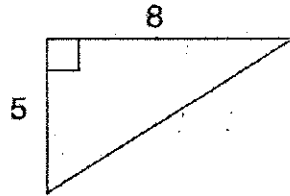
Area of Triangles and Trapezoids

Find the area of each triangle.

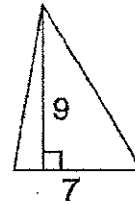
1.



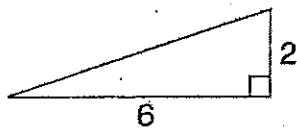
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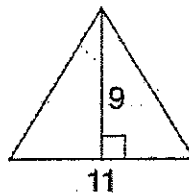
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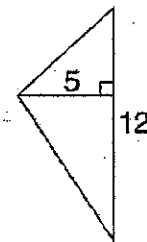
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5.

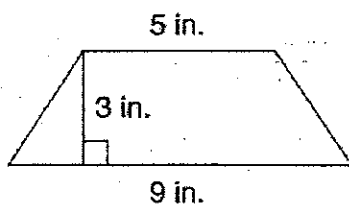


6.

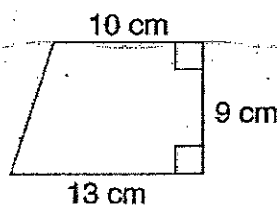


Find the area of each trapezoid.

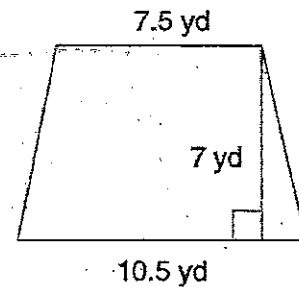
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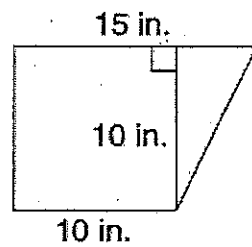
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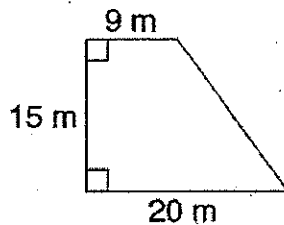
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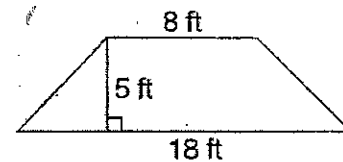
10.



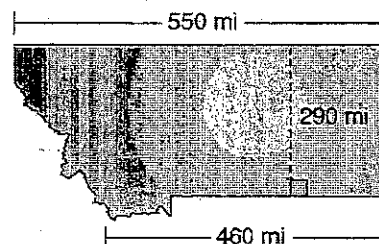
11.



12.



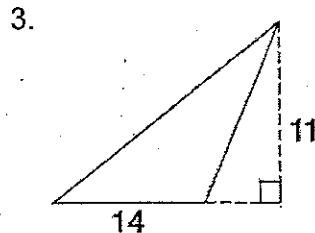
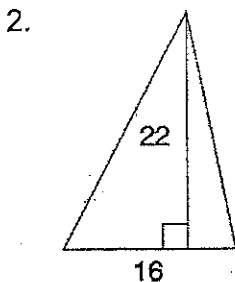
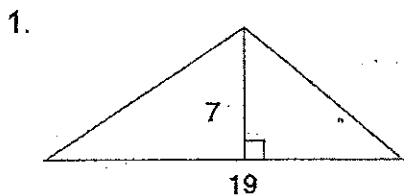
13. The state of Montana is shaped somewhat like a trapezoid. What is the approximate area of Montana?



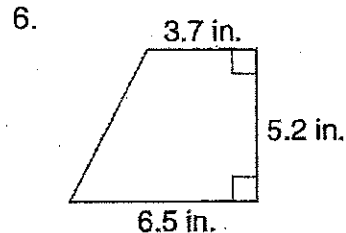
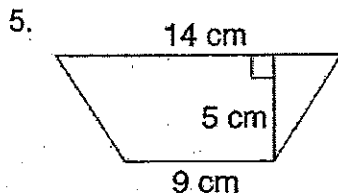
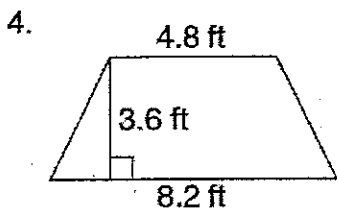
LESSON
9-4

Practice C
Area of Triangles and Trapezoids

Find the area of each triangle.



Find the area of each trapezoid.



Find the missing measurement of each triangle.

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

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

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

$h =$ _____

$A =$ _____

$b =$ _____

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?

