

6th Grade Unit 5: Lesson 23-3

Check Your Understanding (p. 300):

14. 54 cm^2
15. 72 cm^2
16. Sample explanation: Substitute 40 for A , 9 for b_1 , and 20 for b_2 in the formula for the area of a trapezoid and simplify and solve for h ; 4 in.

Lesson 23-3 Practice (p. 300):

17. 22 ft^2
18. 32 ft^2
19. 60 cm^2
20. 854 cm^2
21. 27 ft^2
22. 6 in.
23. 558 cm^2
24. 4 m and 8 m
25. \$28,125: $100 + 90 + 45 + 140 = 375 \text{ yd}^2$ and $375(\$75) = \$28,125$

