

Answers for Lesson 6-1, pp. 262–264 Exercises (cont.)

30. a. $60 + 6x = 200$, $23\frac{1}{3}$ h;

$9x = 200$, $22\frac{2}{9}$ h

b. In the first equation, you need to subtract 60 and then divide by 6. In the second equation, you need only to divide each side by 9.

31. $x = 7$; It is the same. You could avoid working with decimals.

32. A

33. H

34. B

35. 22.8 m