6th Grade Unit 3: Lesson 13-4

Check Your Understanding (p. 172):

10. a. $a = 62.93$
  b. $w = \frac{7}{6}$
  c. $a = 20$
  d. $b = 30$
  e. $c = 145$
11. let $x =$ number of DVDs;
  $x - 11 = 43; x = 54;$
  $54 - 11 = 43; 43 = 43$
12. Answers will vary.

Lesson 13-4 Practice (p. 172):

13. a. $a = 5.95$
  b. $x = 11$
  c. $z = 45$
  d. $c = 130$
  e. $w = \frac{5}{4}$
14. let $x =$ number of pictures;
  $x - 123 = 296; x = 419;$
  $419 - 123 = 296; 296 = 296$
15. Answers will vary.
16. Sample answer: $4 + 8 = 12$ and
  $12 - 4 = 8$, so 4 is the solution of
  both equations.