6th Grade Unit 3: Lesson 13-2

Check Your Understanding (p. 165):

6. let x = number of pictures; $x + 27 = 81$; $x = 54$; $54 + 27 = 81$; $81 = 81$
7. let x = amount of milk;
   $\frac{2}{3} + x = 1\frac{1}{2}$;
   $x = \frac{5}{6}$; $\frac{2}{3} + \frac{5}{6} = 1\frac{1}{2}$; $1\frac{1}{2} = 1\frac{1}{2}$
8. Answers vary.

Sample Answer for #8: Mrs. Noble was holding a handful of jelly beans in her closed hand. She was given 36 more jelly beans and put them on her desk. She ended up with a total of 52 jelly beans. How many jelly beans was Mrs. Noble holding in her closed hand?

Lesson 13-2 Practice (p. 165):

9. let x = number of pages left;
   $x + 152 = 450$; $x = 298$; $298 + 152 = 450$; $450 = 450$
10. let x = difference in time;
    $5.8 + x = 8.2$; $x = 2.4$; $5.8 + 2.4 = 8.2$; $8.2 = 8.2$
11. Answers vary.
12. Sample answer: You subtract to keep the sides equal and then simplify.