

LESSON 117

Objectives

- To teach *the principles of using a checking account.
- To teach *how to complete deposit tickets and record them in the check register.

Review

1. Find the length of leg a in each right triangle. (Lesson 113)
 - a. leg $b = 8$ cm
hypotenuse = 14 cm
leg $a = (11.489$ cm)
 - b. leg $b = 9$ ft.
hypotenuse = 15 ft.
leg $a = (12$ ft.)
2. Find the square roots by using a table. (Lesson 109)
 - a. $\sqrt{77}$ (8.775)
 - b. $\sqrt{54}$ (7.348)
3. Find the surface area of each rectangular solid. (Lesson 101)
 - a. $l = 14$ in.
 $w = 11$ in.
 $h = 10$ in.
 $a_s = (808$ sq. in.)
 - b. $l = 26$ ft.
 $w = 12$ ft.
 $h = 8\frac{1}{2}$ ft.
 $a_s = (1,270$ sq. ft.)
4. Write these expressions, using symbols. (Lesson 85)
 - a. line segment RS is parallel to line segment TU ($\overline{RS} \parallel \overline{TU}$)
 - b. line HI is perpendicular to line JK ($\overleftrightarrow{HI} \perp \overleftrightarrow{JK}$)
5. Divide by primes to find the prime factors of each number. Use exponents for repeating factors. (Lesson 34)
 - a. 96 ($96 = 2^5 \times 3$)
 - b. 189 ($189 = 3^3 \times 7$)