LESSON 2-2

Practice and Problem Solving: A/B

1. $4x = 16$

2. $y - 11 = 12$

3. $\dfrac{9}{10}x + 6 = 51$

4. $3\left(\dfrac{1}{3}m + 8\right) = 11$

5. $a + 2a - 3 = 30$; Tritt is 11 years old; Jan is 19 years old

6. $f + 1\dfrac{1}{5} \square 7 \square f = 470$; fee = \$50, rate = \$60 hr

7. $2x - 10 + 3x - 10 = 90$; 34° and 56°

8. $35 + 0.1d = 20 + 0.15d$; 200 mi

9.

Volunteer	Volunteer Hours per week	Volunteer Hours over 3 weeks
Katie	$x + 3$	$3(x + 3)$
Elizabeth	x	$3x$
Siobhan	$x - 1$	$3(x - 3)$

Katie 7 hours, Elizabeth 4 hours, Siobhan 3 hours