

Algebra 2-review Answers

3)  $4x - 31$

4)  $4 - \frac{22}{5}w$  or  $4 - \frac{22w}{5}$

9)  $\frac{22x - 3}{8}$

11)  $\frac{n}{3} + 2$

15)  $z$

16)  $3x + 8$

18)  $3b - 10e - 21$

19)  $-8$

21a)  $81$

21d)  $-243$

25) No solutions

26)  $k = 2$

27) All real numbers

28)  $d = gc; c = \frac{d}{g}; g = \frac{d}{c}$

30)  $b = a + 5; a = 5 - b; b = 5 - a$

34)  $b = 0$

35)  $-\frac{1}{5}$

37)  $8x$

43)  $6$

44)  $a$  &  $b$  are opposites  
(additive inverses)

45)  $0$

51) Distributive Property of  
Multiplication over Addition

57) After step 2, you have  $4n$ .

After step 3, you have  $4n + 10$ .

After step 4, you have  $4n + 12$ .

After step 5, you have  $n + 3$ .

After step 6, you have  $n$ .

59)  $\$29,000$