Word Problems (Set A) **EQUATIONS ONLY**

1) Let x = pens
y = colored pencils

$$x + y = 21$$
$$x = y + 3$$

2) Let x = # of one-bedroom apartments
y = # of two-bedroom apartments

$$x + y = 60$$
$$x = 2y$$

3) Let j = Justin's amount of money
t = Taylor's amount of money

$$j + t = 60$$
$$j = 2t + 9$$

4) Let g = # of girls
b = # of boys

$$g + b = 812$$
$$g = b + 36$$

5) Let x = a number
y = another number

$$x + y = 25$$
$$x - y = 7$$

6) Let n = # of nickels
d = # of dimes

$$n + d = 30$$
$$.05n + .10d = 2.40$$

7) Let d = # of dimes
q = # of quarters

$$d + q = 100$$
$$.10d + .25q = 21.40$$

8) Let l = the length
w = the width

$$l = w + 4$$
$$2w + 2l = 32$$

9) Let l = the length
w = the width

$$l = w + 5$$
$$2w + 2l = 130$$