

## MTH 134 TEST REVIEW GUIDE

I Solve the following equations.

1.)  $13a = 162.5$

2.)  $\frac{x}{21} = 45$

3.)  $y - 14 = 32$

4.)  $b + 28 = 56$

5.)  $\frac{3}{4}x = 27$

6.)  $7y - 18 = 248$

7.)  $5(x + 2) = 105$

8.)  $20x + 14 - 3x = 1000$

9.)  $8(2x - 4) = 22 + 14x$

10.)  $17y + 6 = 5y + 150$

II Answer yes or no.

1.) Is 23 a solution of  $17x = 16x + 23$  ?

2.) Is 55 a solution of  $7y + 21 - 2y = 76$ ?

3.) Is 4 a solution of  $5(z + 12) = 40 + 4z$  ?

4.) Is 12 a solution of  $b/4 + 4 = 16$  ?

III. There will be six story problems similar to the ones you've done for homework and in class. You can get more practice for this review guide by doing the ones on page I-23 and I-23 in the gray pages in the back of your book. Try numbers 1, 2, 3, 5, 6, 7, & 8.