

MTH 134 TEST 4 SOLUTIONS

- I. A. 1. 8%                      2. 720%
- B. 1. .02125                    2. .079
- C. 1. 12.5%                    2. 72%
- D. 1.  $\frac{9}{20}$                         2.  $\frac{1}{75}$

3. 89%
3. .0025

- II. 1. 45                        2. 20                            3. 50                        4. 48
5. 60                        6. 200                        7. 37.5

III.

1.  $\frac{15}{75} = 20\%$

2.  $\frac{\$16,000}{.80} = \$20,000$

3.  $(\$79.99)(.05) = \$4.00$

4.  $15(.20) = 3$  ;  $15 + 3 = 18$  ; 18 games

5.  $\frac{12}{21} = .571 = 57.1\%$

6. 33 is 80% of the original price

$33 = .80p$

$\frac{33}{.80} = 41.25$

\$41.25