2015 Math 3A Midterm Exam Practice

1. Arrange the numbers in order: (*Begin with the greatest*) (3 points each × 3 = 9 points)

(a) 6500, 6050, 5006, 650, 6005

(b) 7812, 7182, 8127, 2871

(c) 5762, 5082, 4061, 4671

2. (a) What is the smallest 4-digit number that you can make using all the digits 3, 7, 2, 5? (2 points)

(b) What is the greatest 4-digit number that you can make using all the digits 0, 3, 8, 7? (2 points)

3. Fill in the blanks. (2 points each × 3 = 6 points)

(a) _____ is 100 more than 4942

(b) _____ is 1000 less than 6507

(c) _____ is 10 more than 4830

4. Complete the following number patterns. (2 points each × 5 = 10 points)

(a) 3099, _____, 5099, 6099, 7099

(b) 4006, 4106, 4206, _____, 4406

(c) 2302, 2301, 2300, _____, 2298

(d) 9903, _____, 9883, 9873, 9863

(e) _____, 7993, 7893, 7793, 7693

5. Find the value of each of the following: (3 points each × 12 = 36 points)

(a) 4490 + 2844 = **(b) 2589 + 1443 =**

(c) 2266 + 3355 =

(d) 3645 + 4875 =

(e) 6243 – 2787 =

(f) 8000 – 5571 =

(g) 8042 – 4170 =

(h) 3173 – 654 =

(i) 214 ×5 =

(j) 442 ×3 =

(k) 500 ×5 =

(l) 5 ×604 =

6. Word problems. <u>(Please write each step when solving these questions)</u>
Including 6 word problem questions, 35 points total

- Unit 2 Addition and Subtraction Two-step Word Problems (3 questions)

- Unit 3 Multiplication Word Programs (2 questions)

- Addition and Multiplication Combination (1 question)