

**Math 01, Homework 7 on Sections 4.1 - 4.6**  
**Extra Credit.**

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Write all your working out and answers on a separate sheet. These first ten questions are 2 points each and **the answers are on page 2**. Check that you get the same answers. If you don't, then look at your notes or the book or ask me. Only do the last eight questions when you are sure you understand the first ten.

It is very important that you show clearly all your working out. Just writing the answer down with no work shown is not enough.

- (1) Find the digit in the ten-thousandth place of 32.056785
  - (2) Convert to a decimal:  $9\frac{3}{1000}$
  - (3) Convert to a mixed number: 102.38
  - (4) Eliminate the insignificant zeros in the decimal 09001.0800
  - (5) Arrange these four numbers in increasing order : 7.3, 8, 7.04, 7.041
  - (6) Round 261.753 to **(a)** the nearest ten and **(b)** the nearest tenth.
  - (7) Add:  $3.2 + 0.9$
  - (8) Compute:  $804.09 + 5.8409$
  - (9) Find:  $14.093 - 6.09$
  - (10) Evaluate:  $80 - 56.384$
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These next eight <sup>1</sup> questions are 2 points each. Show clearly all your working out and reasoning.

- (11) Convert to a mixed number: 80.009
- (12) Eliminate the insignificant zeros in the decimal 000400.9090
- (13) Arrange these four numbers in increasing order : 2.3, 2, 2.001, 2.44
- (14) Round 166.753 to **(a)** the nearest ten and **(b)** the nearest hundredth.
- (15) Add:  $0.09 + 0.01$
- (16) Compute:  $36.15 + 9.098$

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<sup>1</sup>Two more questions on the next page!

(17) Find:  $36.15 - 9.03$

(18) Calculate:  $71.6 - 8.833$

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**Answers to questions (1)-(10):**

(1) 7

(2) 9.003

(3)  $102\frac{38}{100}$

(4) 9001.08

(5) 7.04, 7.041, 7.3, 8

(6) **(a)** 260 **(b)** 261.8

(7) 4.1

(8) 809.9309

(9) 8.003

(10) 23.616