

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

Write all your working out and answers on your own notepaper - no need to write the questions. Please use lots of space.

It is very important that you show clearly any work you had to do to get your answers. Just writing the answer down with no work shown is not enough. All 18 questions are worth 2 points each.

Do these first 10 questions and *check that your answers match the solutions on page 2*. If you don't get the same answers then try to fix them by looking at your notes or the book or asking me. Only do the last eight questions when you are sure you understand the first ten.

- (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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Eight more questions¹. 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

¹questions continue on page 2

(14) Round 166.753 to (a) the nearest ten and (b) the nearest hundredth.

(15) Add: $0.09 + 0.01$

(16) Compute: $36.15 + 9.098$

(17) Find: $36.15 - 9.03$

(18) Calculate: $71.6 - 8.833$

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