

Math 01, Homework 7 on Sections 4.1 - 4.7
Hand in by Wed, Apr 6 at the start of class.

Write all your working out and answers on a separate sheet. It is very important that you show clearly any work you had to do to get the answer. These first ten questions are 2 points each and **the answers are on page 2.**

- (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) Compute: $804.09 + 5.8409$
 - (8) Evaluate: $80 - 56.384$
 - (9) Multiply: 0.0908×10^3
 - (10) Find: 14.093×6.39
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These next eight 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) Compute: $36.15 + 9.098$
- (16) Calculate: $71.6 - 8.833$
- (17) Multiply: 0.0908×10^{-3}
- (18) Find: 36.15×9.098

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) 809.9309
- (8) 23.616
- (9) 90.8
- (10) 90.05427