Your TA: _____   Seat #: ☐ – ☐

Math 105 TOPICS IN MATHEMATICS

QUIZ – V (Take-Home)

March 2 (Mon), 2015

Due date: March 6 (Fri), 2015

Instructor: Yasuyuki Kachi

Line #: 52920.

ID # : _____   Name : _____

[I] (20pts)   Hand calculate the decimal expression of each of (a) $\sqrt{7}$, and (b) $\sqrt{2\pi}$, up to the fourth place under the decimal point.

<u>**No credit if you just give answers. You must complete the worksheet below.**</u>

(a)

ID # : _____   Name : _____

([I] continued)

★   As for (b) below, note 2π =   6.28318530... .

(b)

$$\boxed{2}.\ \square\ \ \square\ \ \square\ \ \square\ ...$$

$$\sqrt{6\,.\,2\ \ 8\ \ 3\ \ 1\ \ 8\ \ 5\ \ 3\ \ 0}$$

$\boxed{4}$

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$\square\ \square\square$

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$\square\ \square\square\ \square\square$

$\boxed{\textbf{Answers}}$:   (a) $\sqrt{7}$ = $\square$. $\square\square\square\square$ ...

(b) $\sqrt{2\pi}$ = $\square$. $\square\square\square\square$ ...