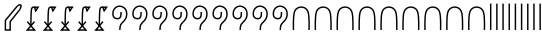University of Bahrain
Bahrain Teachers College
TC2MA324: History of Mathematics
Dr. Abdulla Eid
Spring 2015

Quiz 1

Name: _____

1. Fill the missing in the following table (no justification is necessary).

Decimal	Egyptian	Babylonian
902		
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		<<< < ▼ << ▼▼
$\frac{1}{27}$		
		< ▼▼▼ << ▼

2. (a) Write 61 in the binary system.

(b) Multiply 61 by 9 the same way as the Egyptian did.

(c) Divide 61 by 9 the same way as the Babylonian did.

3. Write whether the following statements are true in the Egptian civilization or the Babylonian civilization.

   1. _____ They knew how to approximate π.
   2. _____ Existed in the Mesopotamia region.
   3. _____ Rhind Mathematical Papyrus is one of the few tablet that show their mathematical contribution.
   4. _____ They knew how to write the natural numbers in base 2.
   5. _____ They don't have a zero symbol, nevertheless they had a sense of "nothingness".

   Ancient Egyptian Symbols and their Hindu-Arabic values:

𒀭	⌒	✐	𓏲	𓁹	∩	│
1,000,000	100,000	10,000	1,000	100	10	1

   Ancient Babylonian Symbols and their Hindu-Arabic values:

≺	▼
10	1