

University of Bahrain
 Bahrain Teachers College
 TC2MA324: History of Mathematics
 Dr. Abdulla Eid
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Quiz 2

Name: _____

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

Decimal	Greek	Chinese
902		
376		
$\frac{1}{381}$		
$3\frac{4}{5}$		
70000		
581123		

2. Be side the lack of zero symbol, both the Greek and Rod Chinese numeration systems have disadvantages. Write one for each.

Greek:

Chinese:

3. Multiply 324 by 12 using the Greek way. What is the law you have used?
4. Write whether the following statements are true in the Greek or Chinese civilization?
1. _____ They approximate π to be 3.1415926.
 2. _____ They formulated the Pythagorean theorem.
 3. _____ They knew how to find normal magic square of order 4.
 4. _____ They had the oldest proof of the Pythagorean theorem.
 5. _____ Nine chapters was one of their book that contained their contribution to mathematics.
 6. _____ Euclid was one of their famous mathematician.
 7. _____ They are the first people to introduce the formal logic and axioms.

Ancient Greek Symbols and their Hindu-Arabic equivalent values:

α	β	γ	δ	ϵ	σ	ζ	η	θ
1	2	3	4	5	6	7	8	9
ι	κ	λ	μ	ν	ξ		π	
10	20	30	40	50	60	70	80	90
ρ	σ	τ	υ	ϕ	χ	ψ	ω	
100	200	300	400	500	600	700	800	900