

Lecture 1: Quiz

Name:

Several answers are possible for A,B,C, ..., exactly one choice for a,b,c,...

Problem 1

Which of the following knowledge areas belong to the liberal arts and sciences?

A	Probability
B	Number theory
C	Arithmetic
D	Astronomy

E	Rhetorics
F	Logic
G	Topology
H	Grammar

I	Geometry
J	Physics
K	Analysis
L	Music

Problem 2

Which mathematician is the oldest of the following?

a	Thales	
b	Pythagoras	
c	Archimedes	
d	Euler	

f	Aristoteles	
e	Euler	
g	Gauss	
h	Newton	

Problem 3

The mystery topic we have looked at belongs to the theory of (check two)

networks	<input type="checkbox"/>	finance	<input type="checkbox"/>	logic	<input type="checkbox"/>	graph theory	<input type="checkbox"/>
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Problem 4

How many ancient roots of Mathematics were counted?

1	<input type="checkbox"/>	3	<input type="checkbox"/>	8	<input type="checkbox"/>	12	<input type="checkbox"/>
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Problem 5

How many liberal arts and sciences are there?

3		4		7		12	
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Problem 7

The presentation today borrowed from a presentation style used at

Tufts	
MIT	
Harvard	

BU	
Colby	
Wellesley	

BC	
NEU	
Brandeis	

Problem 8

This lecture wanted to make a few points. One does not apply? Which one?

A	Math is the science of structure		D	Math deals with objects like numbers	
B	Historical difficulties matter today		E	Math can influence history	
C	Maths has ties with arts		F	Math has reached its final form	

Problem 9

Which methodology do we use?

a	Improvisation		d	Random method	
b	Systematic Method		e	Encyclopedic method	
c	Case Method		f	Systematic method	

Problem 10

What is the topic of the final project?

a	Math revolutions		d	Math refutations	
b	Math pioneers		e	Math fallacies	
c	Math improvisations		f	Math scandals	