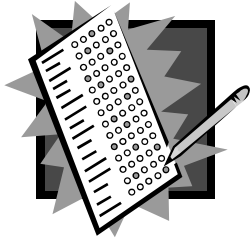


Quirky



Quiz



Quirky Quiz

Multiple Choice Quiz

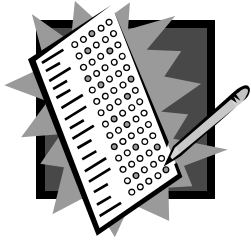
Complete the multiple choice quiz below. There are no problems to solve or questions to answer.

Simply select A, B, C, or D for each of the ten items below.

Place the correct letter in the answer column.

	<u>Answer Column</u>	<u>Correct Answer</u>
1)	_____	_____
2)	_____	_____
3)	_____	_____
4)	_____	_____
5)	_____	_____
6)	_____	_____
7)	_____	_____
8)	_____	_____
9)	_____	_____
10)	_____	_____





Quirky Quiz

Multiple Choice Quiz Probability 1

For each quiz below list the possible answer combinations and the probability of that combination, assuming that the student has no knowledge of the subject. Round to the nearest tenth of a percent.

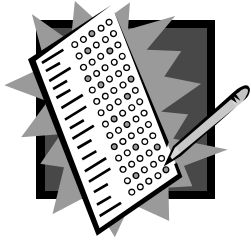
<u>One-Problem Quiz</u>	<u>Combinations</u>	<u>Probability</u>	<u>Percent</u>
	1) Correct (C)	$1/4$	25%
	2) Incorrect (I)	$3/4$	75%
		$4/4$	100%

<u>Two-Problem Quiz</u>	<u>Combinations</u>	<u>Probability</u>	<u>Percent</u>
	1) C C	$1/4 * 1/4 = 1/16$	6.25%
	2) C I	$1/4 * 3/4 = 3/16$	18.75%
	3) I C	$3/4 * 1/4 = 3/16$	18.75%
	4) I I	$3/4 * 3/4 = 9/16$	56.25%
		$16/16$	100%

<u>Three-Problem Quiz</u>	<u>Combinations</u>	<u>Probability</u>	<u>Percent</u>
Combinations	1) _____	_____ = _____	_____
	2) _____	_____ = _____	_____
	3) _____	_____ = _____	_____
	4) _____	_____ = _____	_____
	5) _____	_____ = _____	_____
	6) _____	_____ = _____	_____
	7) _____	_____ = _____	_____
	8) _____	_____ = _____	_____

/ %





Quirky Quiz

Multiple Choice Quiz Probability 2

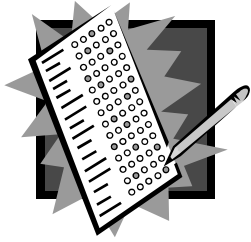
For each quiz below list the possible answer combinations and the probability of that combination, assuming that the student has no knowledge of the subject. Round to the nearest tenth of a percent.

Four-Problem Quiz

	<u>Combinations</u>	<u>Probability</u>	<u>Percent</u>
1)	_____	_____ = _____	_____
2)	_____	_____ = _____	_____
3)	_____	_____ = _____	_____
4)	_____	_____ = _____	_____
5)	_____	_____ = _____	_____
6)	_____	_____ = _____	_____
7)	_____	_____ = _____	_____
8)	_____	_____ = _____	_____
9)	_____	_____ = _____	_____
10)	_____	_____ = _____	_____
11)	_____	_____ = _____	_____
12)	_____	_____ = _____	_____
13)	_____	_____ = _____	_____
14)	_____	_____ = _____	_____
15)	_____	_____ = _____	_____
16)	_____	_____ = _____	_____

/ %





Quirky Quiz

Multiple Choice Quiz Probability 3

For each quiz below list the possible answer combinations and the probability of that combination, assuming that the student has no knowledge of the subject. Round to the nearest tenth of a percent if possible or to the leading non-zero digit. A few problems have been completed showing the use of exponents.

<u>Five-Problem Quiz</u>	<u>Combinations</u>	<u>Probability</u>	<u>Percent</u>
1) All Correct (C)	$C * C * C * C * C$	$1/4 * 1/4 * 1/4 * 1/4 * 1/4 = 1/1024$	0.1%
2) All Incorrect (I)	$I * I * I * I * I$	$3/4 * 3/4 * 3/4 * 3/4 * 3/4 = 243/1024$	23.7%

<u>Six-Problem Quiz</u>	<u>Combinations</u>	<u>Probability</u>	<u>Percent</u>
1) All Correct (C)	$C * C * C * C * C * C$	$(1/4)^6 = 1/4096$	0.02%
2) All Incorrect (I)	_____	_____	_____

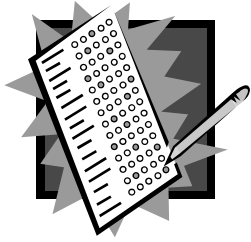
<u>Seven-Problem Quiz</u>	<u>Combinations</u>	<u>Probability</u>	<u>Percent</u>
1) All Correct (C)	_____	_____	_____
2) All Incorrect (I)	I^7	$(3/4)^7 = 2187/16384$	13.3%

<u>Eight-Problem Quiz</u>	<u>Combinations</u>	<u>Probability</u>	<u>Percent</u>
1) All Correct (C)	_____	_____	_____
2) All Incorrect (I)	_____	_____	_____

<u>Nine-Problem Quiz</u>	<u>Combinations</u>	<u>Probability</u>	<u>Percent</u>
1) All Correct (C)	_____	_____	_____
2) All Incorrect (I)	_____	_____	_____

<u>Ten-Problem Quiz</u>	<u>Combinations</u>	<u>Probability</u>	<u>Percent</u>
1) All Correct (C)	_____	_____	_____
2) All Incorrect (I)	_____	_____	_____





Quirky Quiz

Quirky Quiz Class Statistics

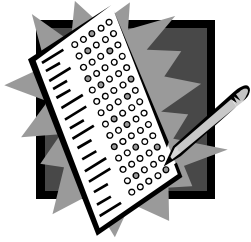
Student Quiz Scores

Student Quiz Scores	Tally	Class Frequency
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Number of Students Who Got Each Problem Correct

Quiz Item Number	Tally	Class Frequency
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		





Quirky Quiz

Quiz Results Bar Graph 1

Student Quiz Scores

