Quantitative Skills & Reasoning - Math 1001

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Zoom Video Broadcast 11-5-2019

Agenda

- 1. Test 4 Summary Results
- 2. Work Test 4
- 3. Plans for Final Exam
- 4. Practice Final Overview

Class Grades

Mean: 76.4% Test #1
5-number summary: n = 31
17, 64, 80, 98, 100
17%, 64%, 80%, 98%, 100%

Mean: 79.1% Test #2
5-number summary: n = 30
0, 71.4, 82.95, 88.8, 100
0%, 71.4%, 83%, 88.8%, 100%

Mean: 61% Test #3
5-number summary: n = 27
0, 47, 65, 85, 99
0%, 47%, 65%, 85%, 99%

Mean: 52.1% Test #4
5-number summary: n = 22
10, 35, 55.05, 63.5, 89
10%, 35%, 55.1%, 63.5%, 89%

Homework Lacking!

HOMEWORK

5-number summary: 3%, 59%, 76.6%, 88.6%, 100%

QUIZZES

5-number summary: 5.7%, 61.6%, 76.8%, 84.2%, 96.5%

WEIGHTED TOTAL %

5-number summary: 6%, 62.1%, 73.1%, 85.7%, 97.1%

Test 4 Review

g ▼ Two events are if the outcome of one does affect the probability of the other event.
f ▼ Two events are if they cannot occur together.
a ▼ Two events are if they can occur together.
e ▼ probability is determined by the number of ways an event can occur divided by the total number of observations.
c ▼ probability is determined by the number of ways an event can occur divided by the total number of outcomes.
d ▼ Two events are if the outcome of one does not affect the probability of the other event.
lacktriangledown The ratio of the number of ways an event can occur to the number of ways an event cannot occur.
a. Overlapping
b. Odds
c. Theoretical
d. Independent

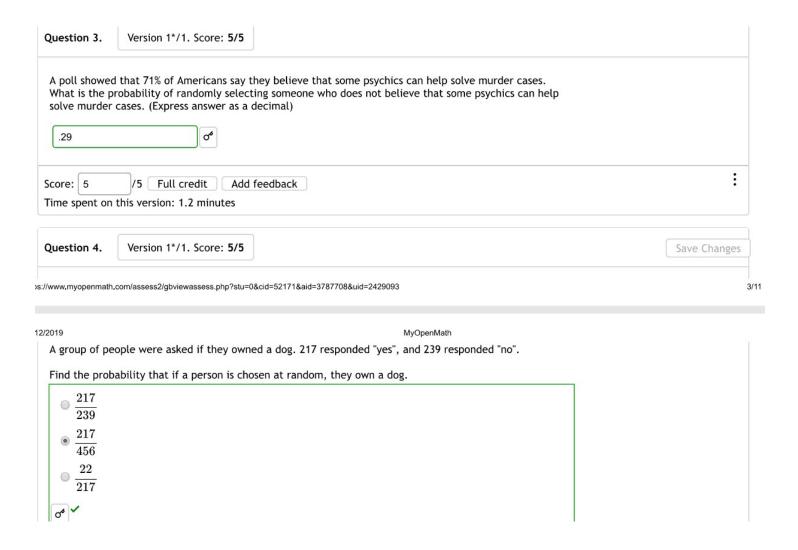
e. Observational

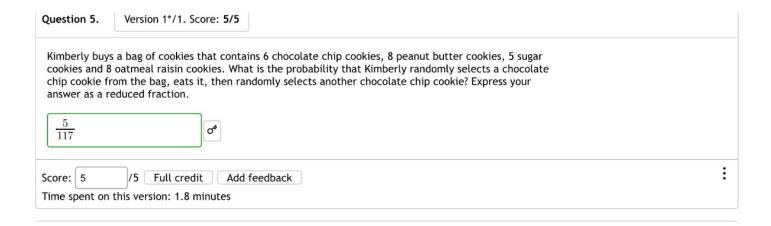
f. Mutually Exclusive

g. Dependent

		Save Changes
Question 2.	Version 1*/1. Score: 4/5	
ttps://www.myopenmath.	com/assess2/gbviewassess.php?stu=0&cid=52171&aid=3787708&uid=2429093	

1/12/2019	MyOpenMath
If the probability of the Seattle Mariners winning the V	World Series is 2/35
What are the odds of the Mariners winning the World S	Series? 2 of:
33	2 7 2 7 2 N 7
What is the probability of the Mariners not winning?	33 - 942857
What are the odds of the Mariners not winning? 33	♂ :
Score: 1 /1 1 /1 0 /1 1 Time spent on this version: 1.8 minutes	/1 1 /1 Full credit all parts Add feedback





Question 6. Version 1*/1. Score: 5/5

Save Changes

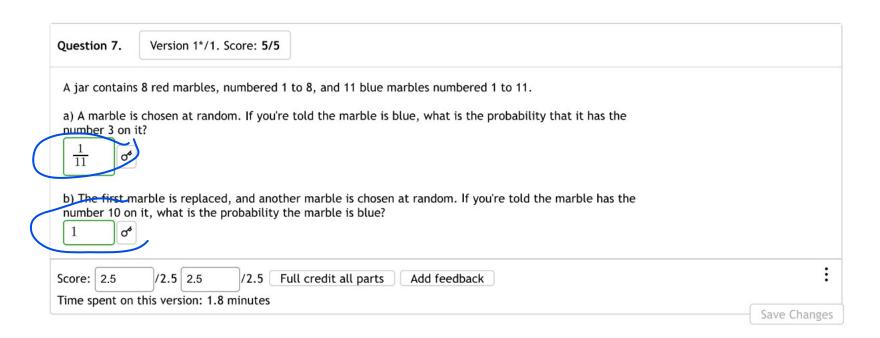
Giving a test to a group of students, the grades and gender are summarized below

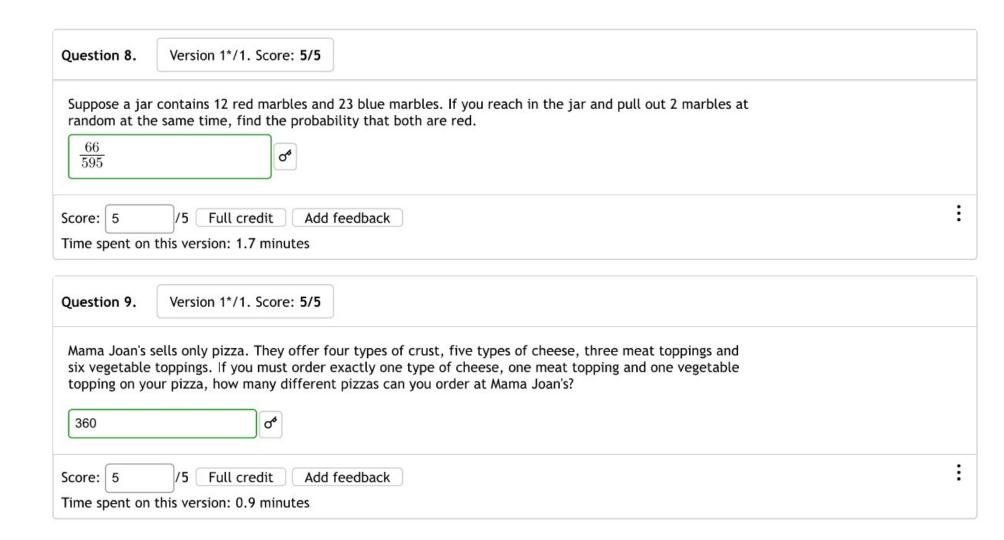
	Α	В	С	Total
Male	17	7	3	27
Female	14	12	15	41
Total	31	19	18	68

If one student is chosen at random,

Find the probability that the student was male OR got an "A".

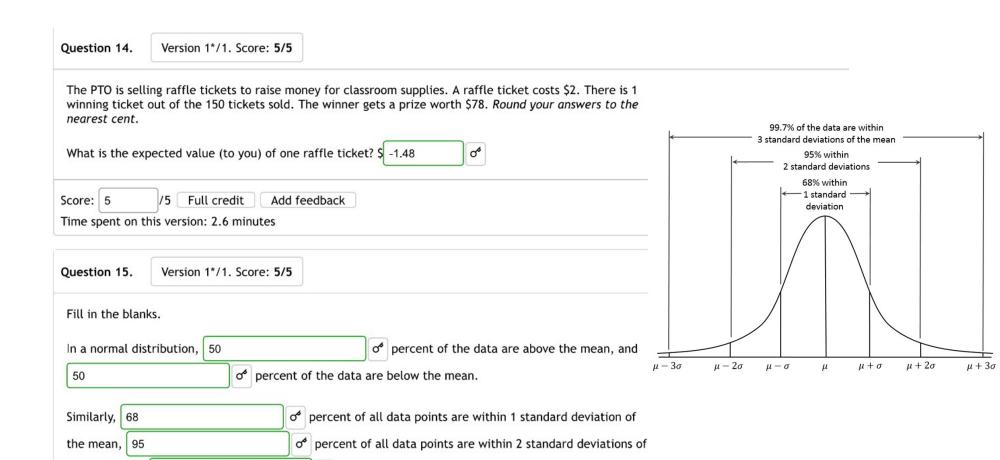
 $\boxed{\frac{41}{68}}$





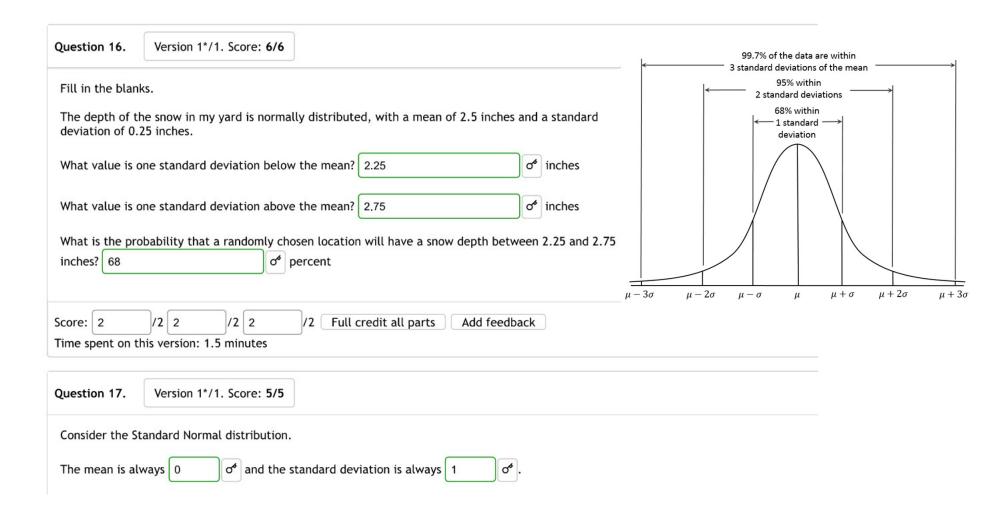
Question 10.	Version 1*/1. Score: 0/5	
freshmen, 8 so	e committee is to consist of 2 freshmen, 3 sophomores, 4 juniors, and 5 seniors phomores, 7 juniors, and 8 seniors are eligible to be on the committee, in hittee be chosen? Solution: 3 304 2304960	
Score: 0	/5 Full credit Add feedback	Save Change
s://www.myopenmath.co	om/assess2/gbviewassess.php?stu=0&cid=52171&aid=3787708&uid=2429093	
12/2019	MyOpenMath	
Time spent on t	his version: 2.3 minutes	
Time spent on to	his version: 2.3 minutes Version 1*/1. Score: 5/5	
Question 11.	Version 1*/1. Score: 5/5 supply 5 different bags of chips for a party. She finds 15 varieties at her loc	cal grocer. How
Question 11.	Version 1*/1. Score: 5/5	cal grocer. How





of percent are within 3 standard deviations of the mean.

the mean, and 99.7



Question 18.

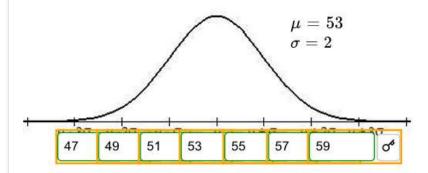
Version 1*/1. Score: 7/7

https://www.myopenmath.com/assess2/gbviewassess.php?stu=0&cid=52171&aid=3787708&uid=2429093

11/12/2019 MyOpenMath

The time to complete an exam is approximately Normal with a mean of 53 minutes and a standard deviation of 2 minutes.

The bell curve below represents the distribution for testing times. The scale on the horizontal axis is equal to the standard deviation. Fill in the indicated boxes.



Question 19.	Version 1*/1. Score: 5/5	
A normal distri 135.	oution has a mean of 108 and a standard deviation of 10. Find the z-score for a data value of	
2.7	of Round to two decimal places	

Final Exam

- Wednesday, Thursday, Friday Dec 11/12/13
- Test Centers Or Proctor U
- Test Centers Swainsboro, Statesboro, or Auugusta
- Let me know by Friday 15th about place or ProctorU
- Pick Place/Date/am or pm
- Test Center preferred unless it is too far
- Test will Be paper multiple choice at Test Centers
- Test will be on D2L Multiple Choice with ProctorU

More About ProctorU Testers

- Costs about \$25
- Sign up with ProctorU at https://www.proctoru.com/
- Pick any two hour period during 72 hour final exam period
- Wi-Fi/Internet/Computer/Camera must be tested & fast
- Take allowed formula and note sheet(s) which I will provide

Prepare for Final Exam

- Learn how to work all problems missed on Tests 1-4
- Take Practice Final on D2L Password is egsc

Make 90 – Add 3 points to final exam

Make 80 – Add 2 points to final exam

Make 70 – Add 1 point to final exam

- Work Practice Final Version 2 on my web page <u>Math 1001 Final Practice</u>
- Watch my video on working Practice Final To be posted
- If you pass the final, you will pass the course even if average before final is failing. Prepare for final!