

Math 54
Exam 1, v4, Answers
Spring 2018

- Problem 1.** Quantitative and Ratio.
Problem 2. Bank A.
Problem 3. Simple random sample.
Problem 4. Observational study.
Problem 5. Ratio.
Problem 6. 2.53.
Problem 7. 3.55.
Problem 8. 12.27.
Problem 9. 3.50.
Problem 10. 50, 66.
Problem 11. 66.
Problem 12. 97.5%.
Problem 13. 0.77.
Problem 14. 0.07.
Problem 15. 10.24.
Problem 16. Below is the relative frequency table.

Weight (kg)	Frequency
0.0 - 3.8	0.27
3.9 - 7.7	0.44
7.8 - 11.6	0.17
11.7 - 15.5	0.11

- Problem 17.** 85.
Problem 18. 16.
Problem 19. 12.
Problem 20. -6, 4, 5.