

Math 01, Optional extra credit for Chapter 2. Name (first, last):

Do these questions and I will increase your score on Test 2. They are worth 2 points each. Just writing the correct answer with no work shown only gets you 1 point here - so show the steps for each answer. Use your notes or print out the relevant parts of Chapter 2 of the book to help. You can also get help in the tutoring lab (Meister Hall, Sub-basement, Room 5) or come to my office hours.

Adding signed numbers

Q1. $19 + 32$

Q2. $(-11) + 17$

Q3. $13 + (-17)$

Q4. $(-16) + (-12)$

Q5. $-20 + 15$

Q6. $-6 + (-11) + 3$

Q7. Add up your answers for the first six questions. If you don't get 6 then you've made a mistake somewhere - go back and fix your mistake.

Subtracting signed numbers

Q8. $33 - 19$

Q9. $(-11) - 18$

Q10. $13 - (-17)$

Q11. $(-16) - (-13)$

Q12. $-20 - 15$

Q13. $6 - (-11) - 17$

Q14. Add up your answers for these questions, Q8 - Q13. If you don't get -23 then you've made a mistake somewhere - go back and fix your mistake.

Dividing signed numbers

Q15. $-33 \div 3$

Q16. $221 \div (-13)$

Q17. $(-38) \div (-2)$

Q18. $0 \div (-16)$

Q19. Add up your answers for these questions, Q15 - Q18. If you don't get -9 then you've made a mistake somewhere - go back and fix your mistake.

Powers and roots of signed numbers

Q20. $(-4)^3$

Q21. $-\sqrt{36}$

Q22. $(-7)^0$

Q23. $(-1)^{13}$

Q24. $\sqrt{10000}$

Q25. Add up your answers for these questions, Q20 - Q24. If you don't get 30 then you've made a mistake somewhere - go back and fix your mistake.
