

Math 01 Skills Practice: Signed Numbers

Here are questions for you to practice calculating with all the integers

$$\dots, -4, -3, -2, -1, 0, 1, 2, 3, 4, \dots$$

both negative and positive, corresponding to Chapters 1 and 5 of the textbook. Remember the correct order of operations and pay attention to the signs. Answers to odd numbered questions are at the end - so make sure you're getting the right answers! Similar questions will be on the final.

Q1. Evaluate: $13 - 9$

Q2. Evaluate: $17 - 8$

Q3. Calculate: $4,321 + 7,819$

Q4. Calculate: $7,089 + 1,352$

Q5. Find: $7,089 - 1,352$

Q6. Find: $6,519 - 5,935$

Q7. Multiply 835 by 97

Q8. Multiply 703 by 34

Q9. Evaluate: $33,422 \div 34$

Q10. Evaluate: $25,259 \div 29$

Q11. Evaluate: $-17 + 9$

Q12. Evaluate: $-11 + 18$

Q13. Evaluate: $-8 - (-13)$

Q14. Evaluate: $-1 - (-42)$

Q15. Find: $-4(-9)$

Q16. Find: $7(-11)$

Q17. Find: $4 + 9 \times 2$

Q18. Find: $3 + 6 \times 4$

Q19. Compute: $-3^4 + 4^2$

Q20. Compute: $(-2)^3 + 3^2$

- Q21. Evaluate: $3 - 5(9 - 2)$
Q22. Evaluate: $2 - 7(8 - 3)$
Q23. Calculate: $9(1 - 2) + (-3)8$
Q24. Calculate: $(4 - 6)3 + (-9)7$
Q25. Find: $77 \div (-11)$
Q26. Find: $-65 \div 5$
Q27. Multiply -30 by 200
Q28. Multiply 70 by -100
Q29. Evaluate: $(-8) - (-8)$
Q30. Evaluate: $-13 + (-13)$
Q31. Evaluate: $(-2)^7$
Q32. Evaluate: $-(-3)^4$
Q33. Evaluate: $3(9 - 7) - 4 \cdot 2 + 16 \div 4$
Q34. Evaluate: $9(3 - 7) - 3 \cdot 3 + 8 \div 2$
Q35. Find: $9 - (4 - 5)6 + \sqrt{81}$
Q36. Find: $8 - (4 - 3)5 - \sqrt{121}$
Q37. Find: $(-1)^{500} + 8^0 + 0^7$
Q38. Find: $(-1)^{501} + 7^0 + 0^8$
Q39. Compute: $2 \cdot 3^2 - 4 \cdot 3 + 5$
Q40. Compute: $2(-3)^2 - 4(-3) + 5$

Answers to odd numbered questions.

Q1: 4 Q3: 12,140 Q5: 5,737 Q7: 80,995 Q9: 983 Q11: -8 Q13: 5 Q15: 36 Q17: 22
Q19: -65 Q21: -32 Q23: -33 Q25: -7 Q27: -6000 Q29: 0 Q31: -128 Q33: 2 Q35: 24
Q37: 2 Q39: 11

C. O'S. 12/1/12