

**EXTRA PRACTICE 7**  
**Order of Operations**  
**Use after Section 1.9**

Name \_\_\_\_\_

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Simplify using the rules for order of operations.

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|---|--|
| 1. $5 + 10 - 3^2$ _____                               | 2. $6 \times 4 + 5^2 - 11$ _____                           |
| 3. $7 \times (2 + 3) - 21$ _____                      | 4. $(5 + 7) \div 2^2$ _____                                |
| 5. $5^2 - 4^2 + 3 \times 2$ _____                     | 6. $8 \times 9 - 6^2 \div 4$ _____                         |
| 7. $9^2 - (20 + 11)$ _____                            | 8. $(2 + 3) \times 10^2 \div 5^2$ _____                    |
| 9. $3 \times (30 + 4) - 7^2$ _____                    | 10. $(1 + 5) \times 5 - 7 \times 4$ _____                  |
| 11. $0 \times 15^2 \times (400 + 21) \div 19^2$ _____ | 12. $0 \times 17^2 \times (59 + 92) + 5$ _____             |
| 13. $6 \times (5 + 0)^2$ _____                        | 14. $(7 - 7) \times 33^2 \div (45 + 3)^2$ _____            |
| 15. $49 \div 7^2 \times (531 + 4)$ _____              | 16. $(233 + 17) \div 250 + 3 \times 33$ _____              |
| 17. $\frac{5 \times 30}{15} - (3 + 3)$ _____          | 18. $\frac{(10 + 14) \times 200}{10^2}$ _____              |
| 19. $\frac{10 \times (25 + 7)}{(5 + 3)^2}$ _____      | 20. $\frac{25 \times (6 + 7) - 5^2}{(6 + 7)^2 - 19}$ _____ |
| 21. $3 \times 4 \div (1 + 2) + 5$ _____               | 22. $(9 + 6) \times 3 \div (18 - 13)$ _____                |
| 23. $(1^6 + 13) \times 2 \div 7$ _____                | 24. $(8^2 - 2^2) + 80$ _____                               |