

**4-4 Practice****Greatest Common Factor (GCF)**

Find the GCF of each set of numbers or monomials.

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|-------------------------|-------------------------|
| 1. 9, 36                | 2. 42, 60               |
| 3. 16, 60               | 4. 29, 58               |
| 5. 18, 35               | 6. 90, 480              |
| 7. 80, 45               | 8. 700, 200             |
| 9. 17, 85               | 10. 24, 84, 168         |
| 11. 55, 105             | 12. 252, 126            |
| 13. $5p$ , $20p^2$      | 14. $28a$ , $49ab$      |
| 15. $8b$ , $5c$         | 16. $6a^2$ , $18b^2$    |
| 17. $88s^2t$ , $40st^2$ | 18. $42a^2b$ , $60ab^2$ |

Factor each expression.

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|-----------------|-----------------|
| 19. $10x + 40$  | 20. $8v + 56$   |
| 21. $9t + 9$    | 22. $13m + 39$  |
| 23. $90 + 45n$  | 24. $15p + 60$  |
| 25. $48 + 8r$   | 26. $11z - 55$  |
| 27. $18q - 54$  | 28. $125 - 25h$ |
| 29. $42a - 77$  | 30. $30 + 45s$  |
| 31. $50n + 30$  | 32. $18 + 12d$  |
| 33. $27m + 105$ | 34. $65 - 39b$  |
| 35. $21d - 63$  | 36. $48 + 84m$  |

37. **SCHOOL TRIP** Thirty-two seventh graders, 48 eighth graders, and 60 ninth graders are taking a ski trip. In order to help students get better acquainted, students from each grade level are to ride each bus. What is the greatest number of buses that can be used if students from each grade level are divided equally among the buses?