

Greatest Common Factor
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Find the greatest common factor (GCF) of the given terms. Answers

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|--------------------------|---------------|
| 1. 24, 60 | 1. 12 |
| 2. 45, 105 | 2. 15 |
| 3. 16, 20, 44 | 3. 4 |
| 4. 6, 48, 72 | 4. 12 |
| 5. 16, 24x | 5. 4 |
| 6. $5xz^2, 7x^2z^3$ | 6. xz^2 |
| 7. $20r^3s^2, 100rs^3$ | 7. $20rs^2$ |
| 8. $7r^5s^2, 15t^3$ | 8. 1 |
| 9. $78x^3y^2, 52x^5y^3$ | 9. $26x^3y^2$ |
| 10. $28m^4n^3, 35m^2p^3$ | 10. $7m^2$ |

Give the missing factor for each monomial.

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|---------------------------------------|-----------------|
| 11. $6a^2b = 6a(\quad)$ | 11. ab |
| 12. $24r^4s^3 = 8rs(\quad)$ | 12. $3r^3s^2$ |
| 13. $48a^5bc^4 = -6abc^3(\quad)$ | 13. $-8a^4c$ |
| 14. $-12t^8u^3v = -t^6u(\quad)$ | 14. $12t^2u^2v$ |
| 15. $32p^5q^5r^5 = 4p^4qr^5(\quad)$ | 15. $8pq^4$ |
| 16. $-40m^{10}n^2 = -4m^9n(\quad)$ | 16. $10mn$ |

Please visit the Learning Lab for further assistance.