

Name \_\_\_\_\_

1. What factor must go in the space?  $2v + 18 = \underline{\hspace{1cm}}(v + 9)$

2. What factor must go in the space?  $9a - 27 = \underline{\hspace{1cm}}(a - 3)$

3. What factor must go in the space?  $16y - 18 = \underline{\hspace{1cm}}(8y - 9)$

4. What expression must go in the space?  $5m - 15 = 5(\underline{\hspace{1cm}})$

5. What expression must go in the space?  $16r + 12 = 4(\underline{\hspace{1cm}})$

6. Factor:  $3v + 15$  \_\_\_\_\_

7. Factor:  $4v - 28$  \_\_\_\_\_

8. Factor:  $28b - 21$  \_\_\_\_\_

9. Factor:  $-3a - 6b$  \_\_\_\_\_

10. Factor:  $-9t - 27$  \_\_\_\_\_

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11. Factor:  $-28s - 12t$

\_\_\_\_\_

12. Factor:  $-56b + 35$

\_\_\_\_\_

13. Factor:  $2f + 14g$

\_\_\_\_\_

14. Factor:  $60 - 25fg$

\_\_\_\_\_

15. Factor:  $8u - 72v$

\_\_\_\_\_

16. Factor:  $24r + 54t$

\_\_\_\_\_

17. Factor:  $4w + 4z + 4y$

\_\_\_\_\_

18. Factor:  $48r - 54t + 30$

\_\_\_\_\_

19. Factor:  $2p - 6q + 10r$

\_\_\_\_\_

20. Factor:  $48r - 18s - 30t$

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