

Name: _____

Date: _____

Factor:

1. $3x+3$

2. $5a-5b$

3. $7m+7m$

4. $8x-8z$

5. $3x+6y$

6. $5a-15b$

7. $7a+14y$

8. $8x-32$

9. $8x+12y$

10. $21m+28n$

11. $15a-25b$

12. $24x-32y$

13. $2.4x-7.2y$

14. $0.01a+0.03b$

15. $1.8m-2.4n$

16. $1.25x-1.75y$

17. $\frac{1}{3}x + \frac{4}{3}y$

18. $\frac{18}{25}a + \frac{12}{35}b$

19. $\frac{8}{9}x + \frac{16}{27}y$

20. $\frac{12}{49}m + \frac{3}{28}n$

21. $3b^2-3b$

22. a^4+a^2

23. $4c^2-12c^5$

24. $8d^4-32d^2$

25. x^3-3x^2-x

26. $2m^6-4m^4+6m$

27. $y^5-2y^4+y^2$

28. $9p^4-18p^2+27p$

29. $3x(a+b)+y(a+b)$

30. $(c+2)-d(c+2)$

31. $m(x-y)-(x-y)$

32. $5p(r-q)+6q(r-q)$

33. $15c(a+b)+8(b+a)$

34. $4a(x+y)-9b(y+x)$

35. $n(1+2a)-m(2a+1)$

36. $11p(c+8d)-9(8d+c)$

37. $a(b-c) + 3(c-b)$

38. $4(p-q)-a(q-p)$

39. $6(m-n)-x(n-m)$

40. $7z(a-b)-2(b-a)$