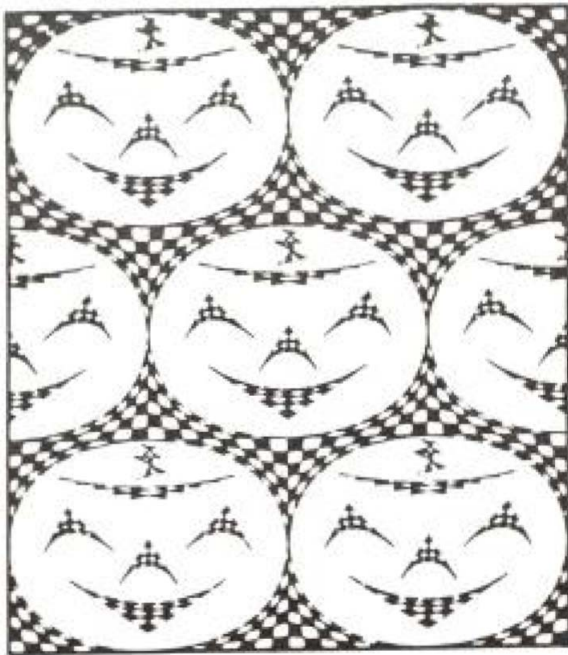


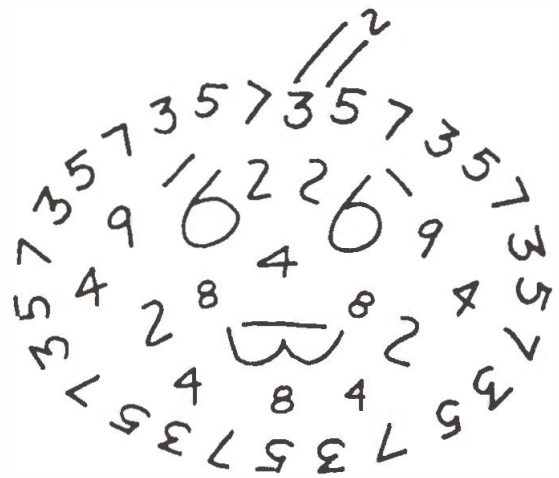
# Halloween

The following activities were reprinted from The Math Post.

This Halloween design is drawn entirely with straight lines. Other similar designs are found in *Line Designs* by Seymour, Silvey, and Snider. The book is available from SETSCO Educational Limited.



The Great Pumpkin is formed using the digits 1 through 9. Find the mass of the monster by finding the sum of the digits.

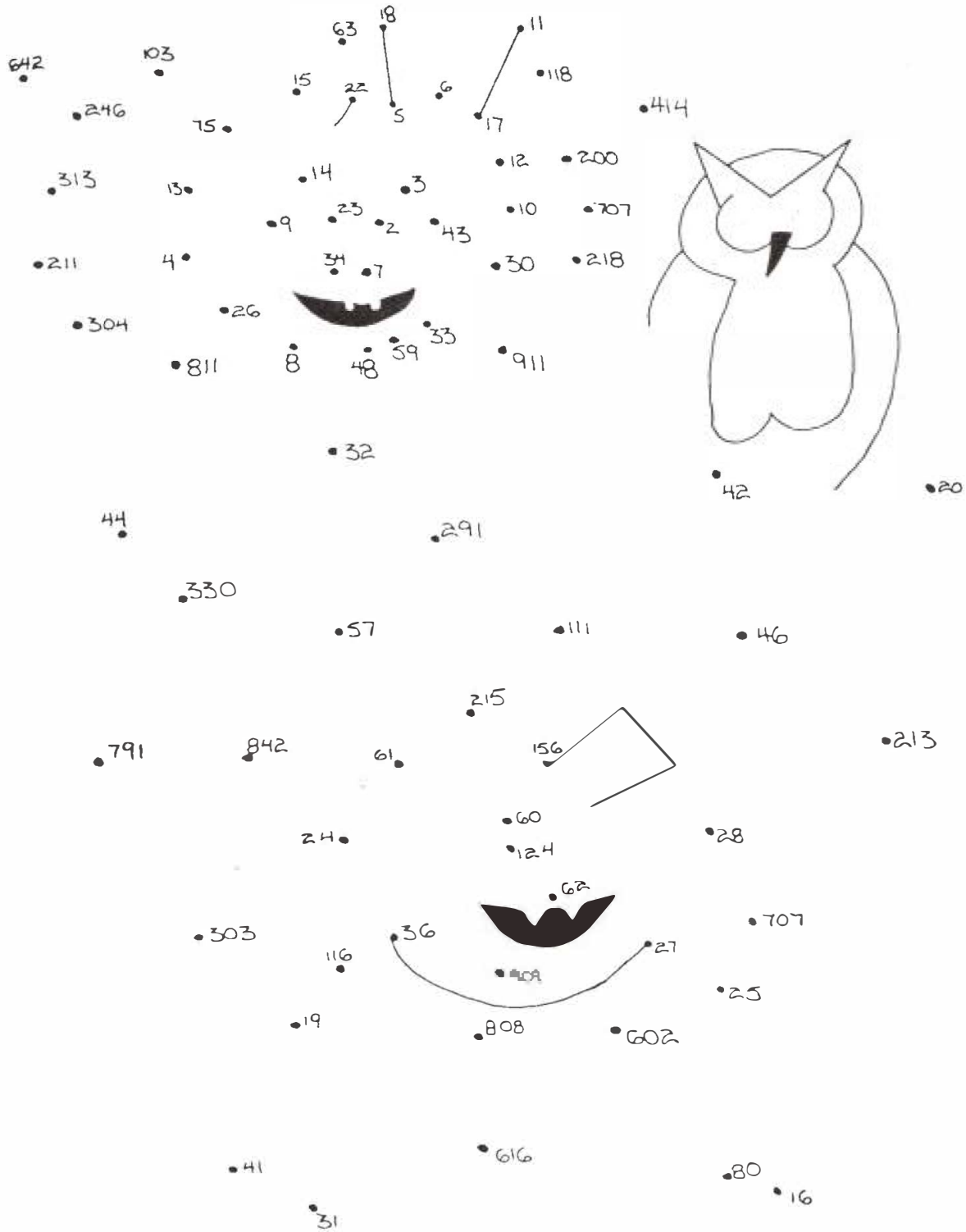


Ans. 227

A black cat before two black cats.  
 A black cat between two black cats.  
 A black cat behind two black cats.

How many black cats?



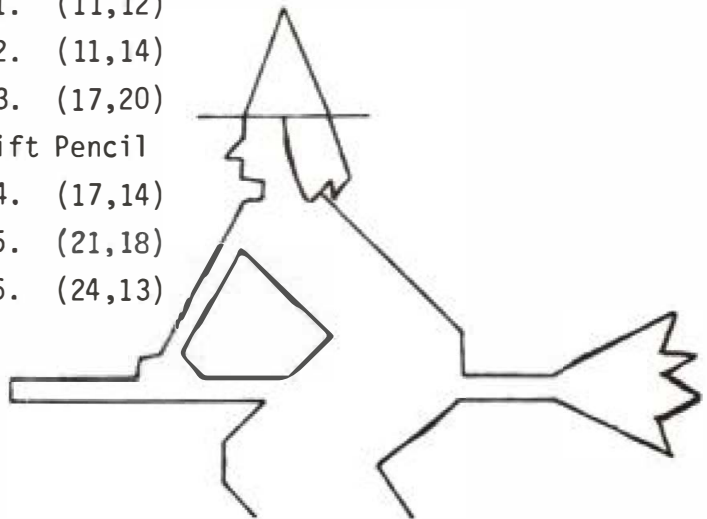


This activity and others similar can be found in the Midwest Publications Company book entitled *Math Amusements in Developing Skills* by Clack and Leitch.

*Graphing Greats! First Quadrant Quickies* by McClees, Borne, and Helmbrecht is the source of this Halloween idea. The book is published by The Math Group. A few changes from the original have been made.

Connect each group of points in order.

- |             |             |             |             |
|-------------|-------------|-------------|-------------|
| 1. (19,24)  | 18. (26,13) | 35. (0,11)  | 47. (23,12) |
| 2. (19,22)  | 19. (26,12) | 36. (2,12)  | 48. (19,12) |
| 3. (18,20)  | 20. (32,12) | 37. (0,13)  | 49. (17,14) |
| 4. (17,21)  | 21. (32,11) | 38. (2,13)  | Lift Pencil |
| 5. (17,20)  | 22. (20,11) | 39. (1,15)  | 50. (23,24) |
| 6. (16,21)  | 23. (22,9)  | 40. (7,12)  | 51. (15,24) |
| 7. (17,24)  | 24. (22,7)  | 41. (11,12) |             |
| 8. (19,29)  | 25. (16,0)  | 42. (11,14) |             |
| 9. (21,24)  | 26. (16,2)  | 43. (17,20) |             |
| 10. (21,23) | 27. (14,1)  | Lift Pencil |             |
| 11. (22,22) | 28. (15,4)  | 44. (17,14) |             |
| 12. (21,22) | 29. (12,3)  | 45. (21,18) |             |
| 13. (21,21) | 30. (15,8)  | 46. (24,13) |             |
| 14. (20,21) | 31. (11,11) |             |             |
| 15. (20,20) | 32. (7,11)  |             |             |
| 16. (21,20) | 33. (1,8)   |             |             |
| 17. (25,13) | 34. (2,10)  |             |             |



### APPLE GRAPH

Connect the dots in order.

- |           |           |             |
|-----------|-----------|-------------|
| 1. (5,11) | 8. (0,7)  | 15. (10,1)  |
| 2. (7,11) | 9. (0,5)  | 16. (11,3)  |
| 3. (7,13) | 10. (1,3) | 17. (12,5)  |
| 4. (5,14) | 11. (2,1) | 18. (12,7)  |
| 5. (5,11) | 12. (4,0) | 19. (11,10) |
| 6. (3,11) | 13. (6,1) | 20. (9,11)  |
| 7. (1,10) | 14. (8,0) | 21. (7,11)  |