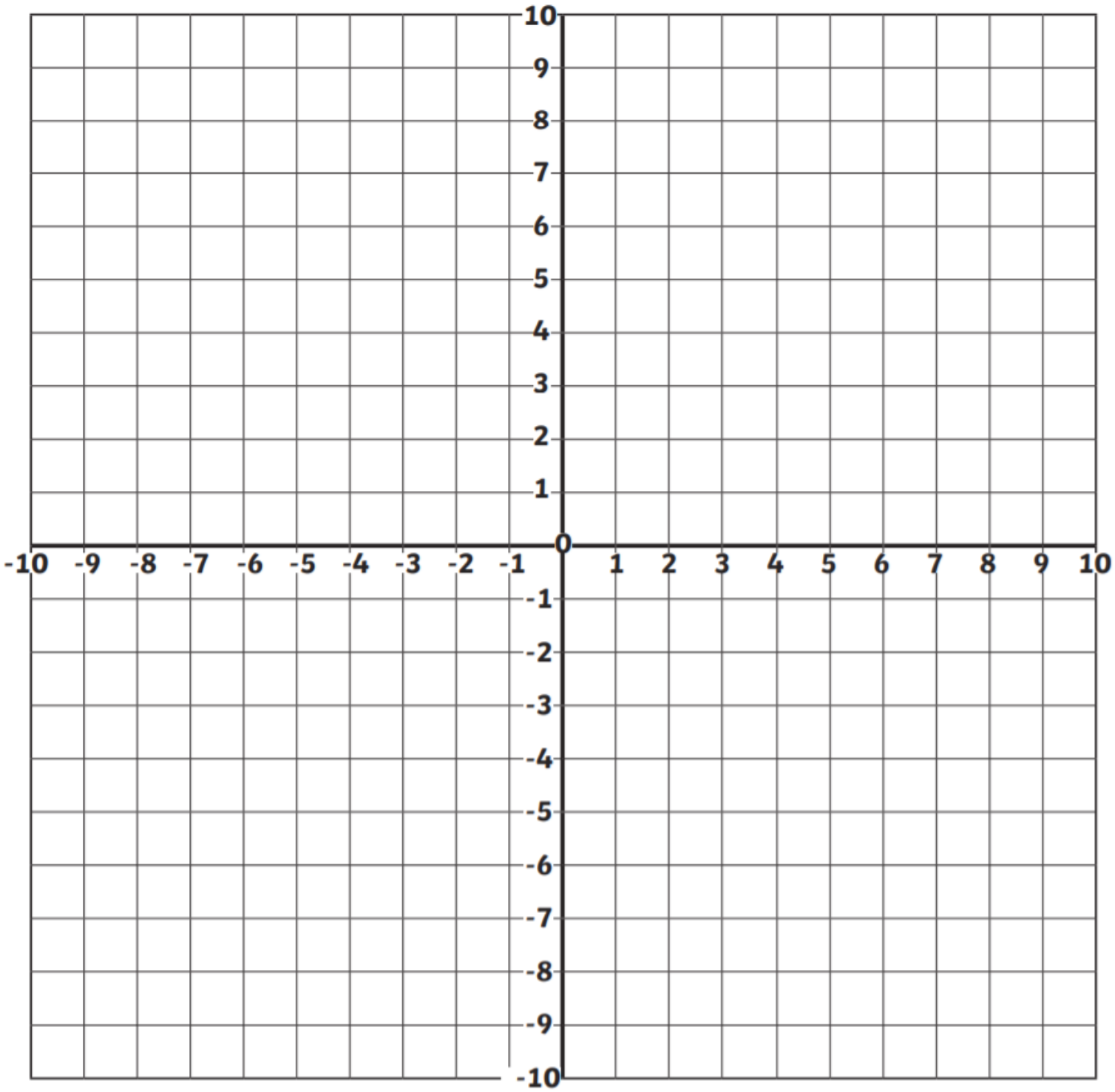
Lesson 4 Extension

Using the four-quadrant grid on the next page, carefully plot these points. Then, use a ruler to draw a line between each pair of coordinates. If you have done this correctly, then it should reveal a very special shape!

1. (-7,-6) (-7,-7)
2. (-7,-7) (4,-7)
3. (4,-7) (5,-6)
4. (5,-6) (5,-5)
5. (5,-5) (3,-6)
6. (3,-6) (2,-4)
7. (2,-4) (6,-2)
8. (6,-2) (2,1)
9. (2,1) (5,3)
10. (5,3) (6,2)
11. (6,2) (6,-2)
12. (5,3) (3,5)
13. (3,5) (1,5)
14. (1,5) (1,6)
15. (1,6) (6,6)
16. (6,6) (6,7)
17. (6,7) (1,7)
18. (1,7) (1,8)
19. (1,8) (-1,8)
20. (-1,8) (-1,7)
21. (-1,7) (-6,7)
22. (-6,7) (-6,6)
23. (-6,6) (-1,6)
24. (-1,6) (-1,5)
25. (-1,5) (1,5)
26. (1,5) (-3,5)
27. (-3,5) (-4,3)
28. (-4,3) (-8,5)
29. (-8,5) (-7,6)
30. (-7,6) (-8,7)
31. (-8,7) (-10,3)
32. (-10,3) (-10,2)
33. (-10,2) (-9,3)
34. (-9,3) (-3,-4)
35. (-3,-4) (-4,-6)
36. (-4,-6) (-7,-6)
37. (-9,3) (-2,-4)
38. (-2,-4) (-3,-6)
39. (-3,-6) (2,-6)
40. (2,-6) (1,-4)
41. (1,-4) (-2,-4)


10
9
8
7
6
5
4
3
2
1
0
-10 -9 -8 -7 -6 -5 -4 -3 -2 -1
1 2 3 4 5 6 7 8 9 10
-1
-2
-3
-4
-5
-6
-7
-8
-9
-10