FILLOMINOES

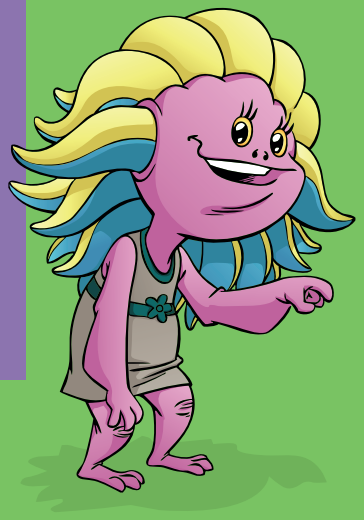
DIFFICULTY LEVEL:

★–★★★★★

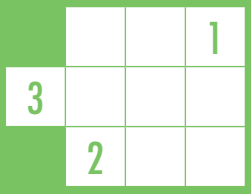
In a **Fillomino** puzzle, the goal is to fill squares in a grid to create polyominoes (shapes made of connected squares) with the given areas.

Every square in the grid must be filled with a number that gives the area of the polyomino it is a part of.

In each puzzle, there must be exactly one polyomino of each of the given areas.

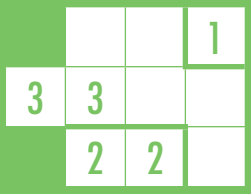


Areas: 1, 2, 3, 4

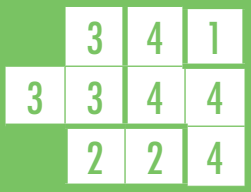


The square to the right of the given 3 must be part of the 3-omino, so we place a 3 there.

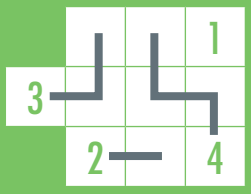
Then, there is only one way to complete the 2-omino.



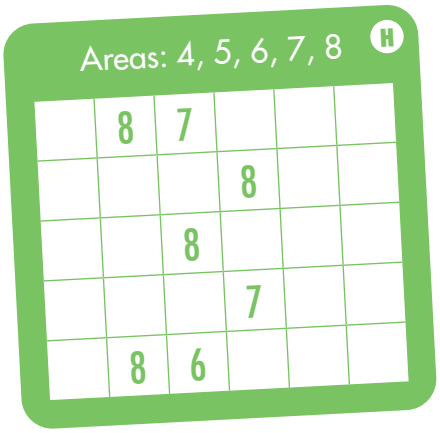
Finally, there is only one way to complete the 3-omino while still creating a 4-omino.



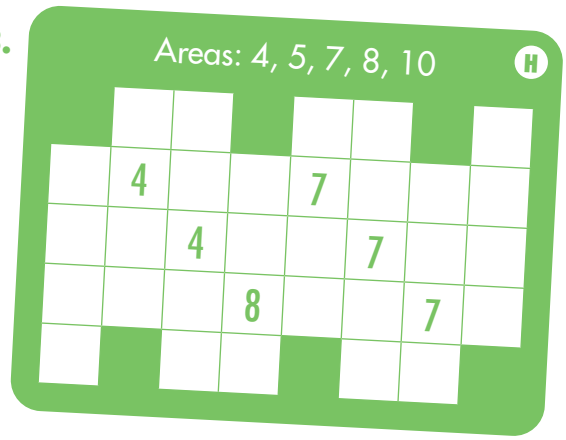
Instead of writing a number in every square, we could also draw lines connecting all the squares of each polyomino.



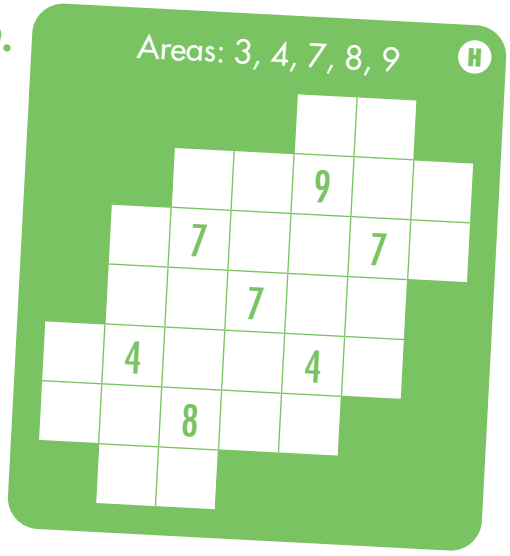
27. Areas: 4, 5, 6, 7, 8 (H)



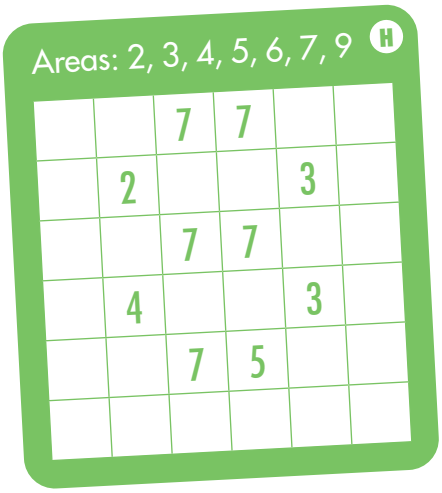
28. Areas: 4, 5, 7, 8, 10 (H)



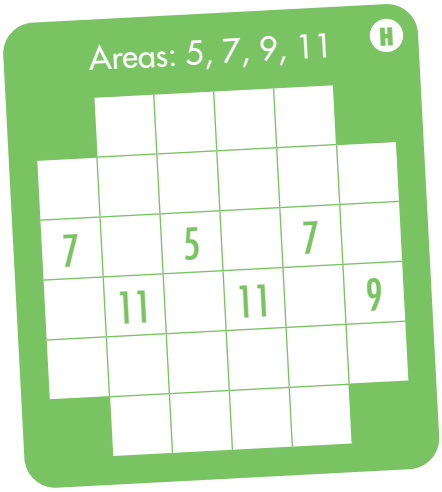
29. Areas: 3, 4, 7, 8, 9 (H)



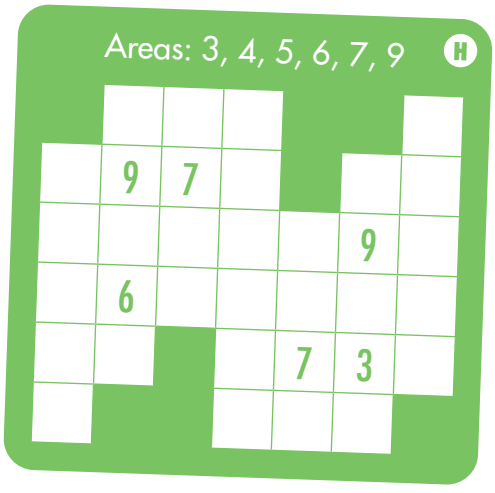
30. Areas: 2, 3, 4, 5, 6, 7, 9 (H)



31. Areas: 5, 7, 9, 11 (H)



32. Areas: 3, 4, 5, 6, 7, 9 (H)



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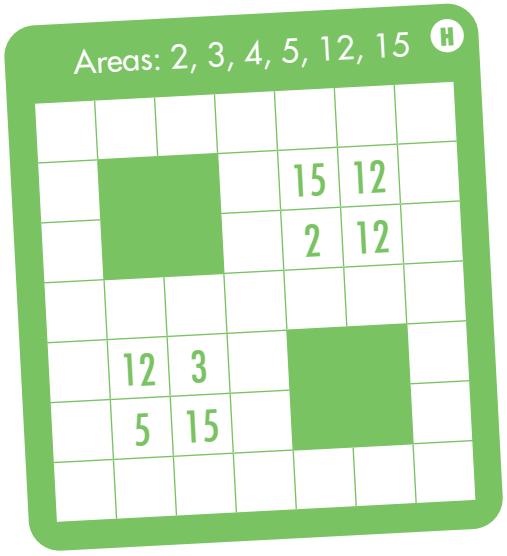
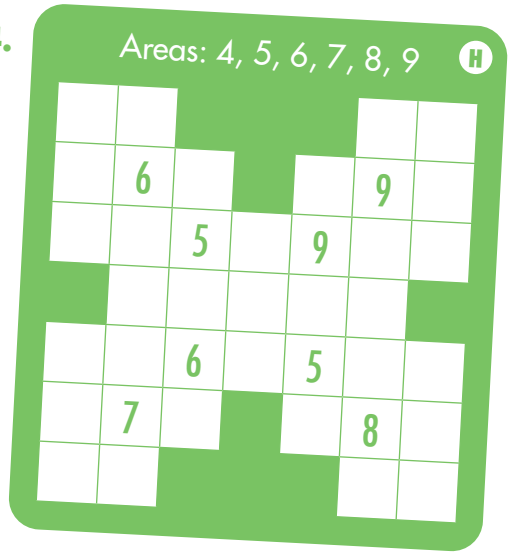
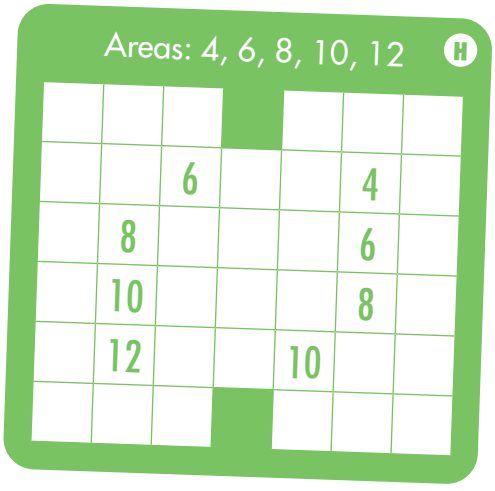
33. Areas: 2, 3, 4, 5, 12, 15 (H)



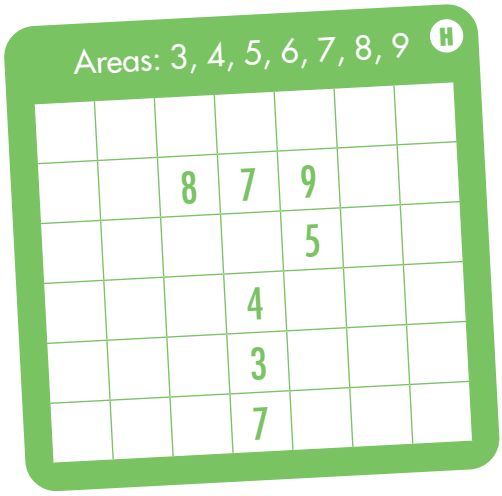
34. Areas: 4, 5, 6, 7, 8, 9 (H)



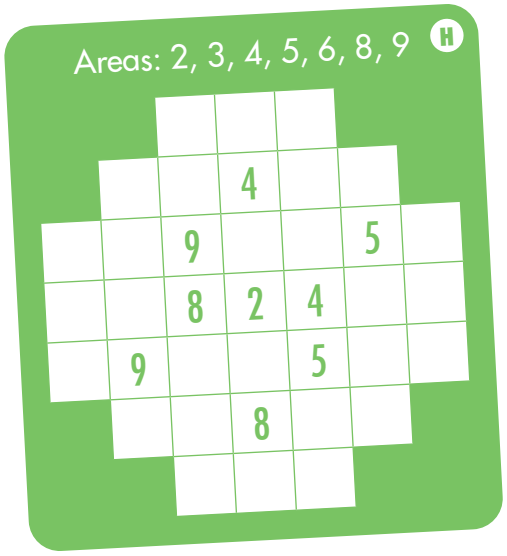
35. Areas: 4, 6, 8, 10, 12 (H)



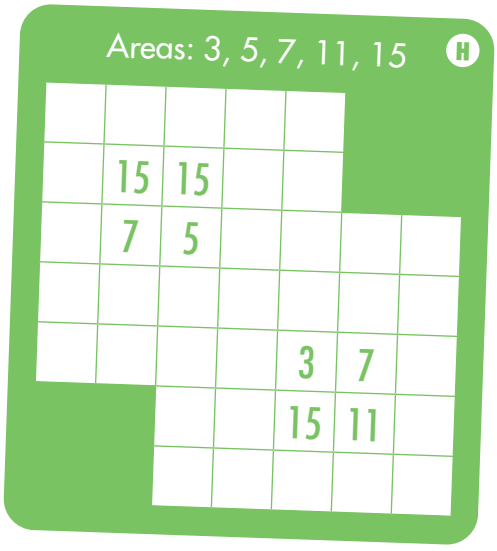
36. Areas: 3, 4, 5, 6, 7, 8, 9 (H)



37. Areas: 2, 3, 4, 5, 6, 8, 9 (H)



38. Areas: 3, 5, 7, 11, 15 (H)



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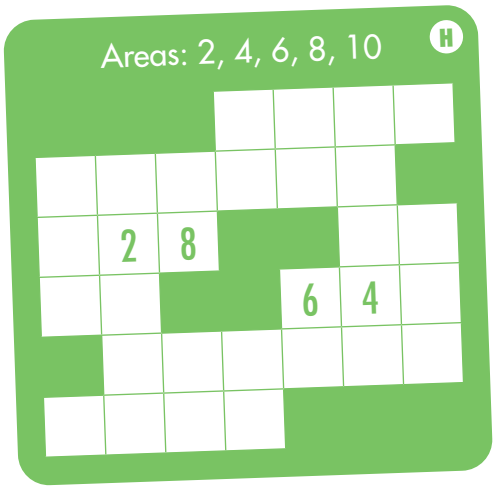
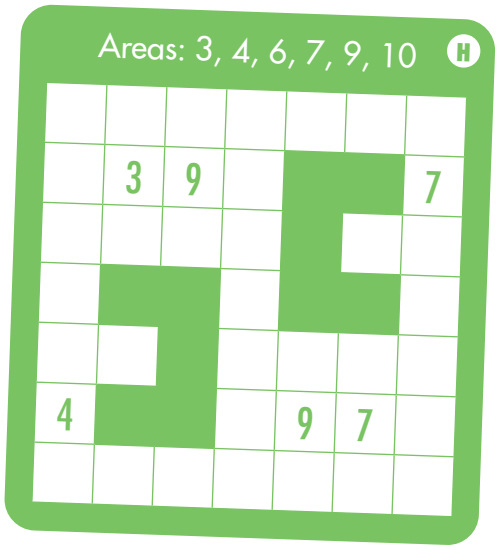
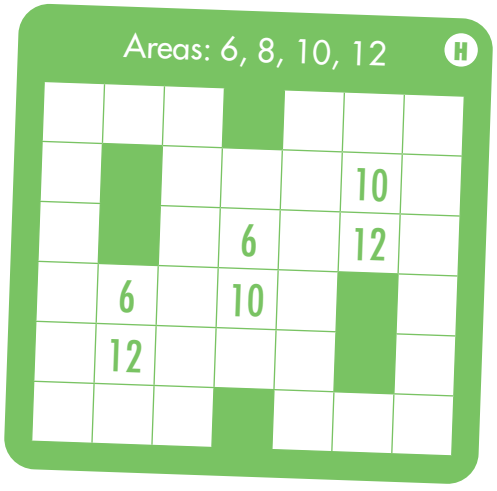
39. Areas: 2, 4, 6, 8, 10 (H)



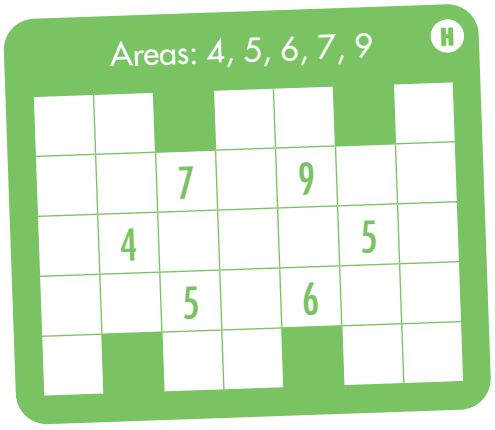
40. Areas: 3, 4, 6, 7, 9, 10 (H)



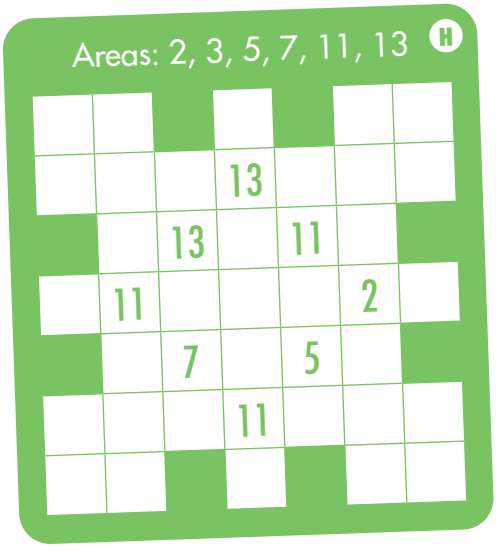
41. Areas: 6, 8, 10, 12 (H)



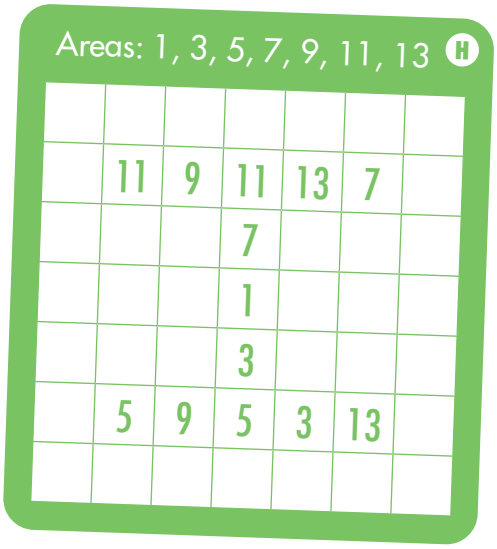
42. Areas: 4, 5, 6, 7, 9 (H)



43. Areas: 2, 3, 5, 7, 11, 13 (H)



44. Areas: 1, 3, 5, 7, 9, 11, 13 (H)



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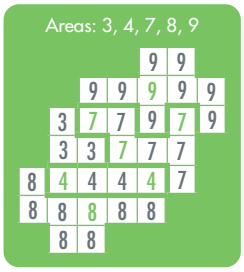
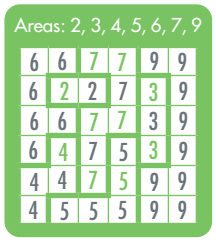
27. Areas: 4, 5, 6, 7, 8

28. Areas: 4, 5, 7, 8, 10

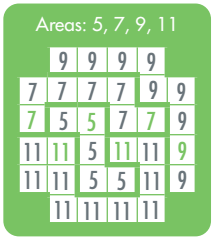
29. Areas: 3, 4, 7, 8, 9



30. Areas: 2, 3, 4, 5, 6, 7, 9



31. Areas: 5, 7, 9, 11



32. Areas: 3, 4, 5, 6, 7, 9

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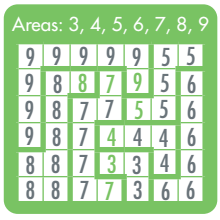
33. Areas: 2, 3, 4, 5, 12, 15

34. Areas: 4, 5, 6, 7, 8, 9

35. Areas: 4, 6, 8, 10, 12

36. Areas: 3, 4, 5, 6, 7, 8, 9



37. Areas: 2, 3, 4, 5, 6, 8, 9

38. Areas: 3, 5, 7, 11, 15

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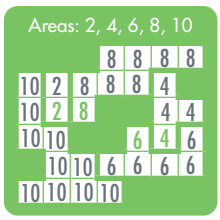
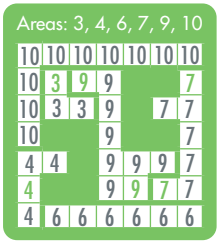
39. Areas: 2, 4, 6, 8, 10

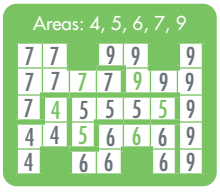


40. Areas: 3, 4, 6, 7, 9, 10



41. Areas: 6, 8, 10, 12

42. Areas: 4, 5, 6, 7, 9



43. Areas: 2, 3, 5, 7, 11, 13

44. Areas: 1, 3, 5, 7, 9, 11, 13