



Learn a new puzzle

# Number Paths

Write the missing numbers. Each one touches the next, side or corner.

**Trick: Corners count****1**

|   |   |    |    |
|---|---|----|----|
|   | 3 | 15 | 14 |
|   | 1 | 13 | 16 |
|   |   |    | 11 |
| 6 | 7 | 9  |    |

14 touches one empty square, at a corner. So 13 goes there.

**2**

|   |   |    |    |
|---|---|----|----|
|   | 3 | 15 | 14 |
|   | 1 | 13 | 16 |
|   |   | 12 | 11 |
| 6 | 7 | 9  |    |

Only one empty square touches both 11 and 13. So 12 goes there.

**3**

|   |   |    |    |
|---|---|----|----|
|   | 3 | 15 | 14 |
|   | 1 | 13 | 16 |
|   | 8 | 12 | 11 |
| 6 | 7 | 9  |    |

Only one empty square touches both 7 and 9. So 8 goes there.

**Try it**

|   |    |    |    |    |
|---|----|----|----|----|
|   | 23 | 18 | 16 | 15 |
|   | 25 | 19 |    |    |
|   |    | 20 |    | 4  |
| 9 | 11 |    |    |    |
|   |    | 6  | 1  |    |

The answer is with the other answers.

**Talk about it:** Ask: Which squares touch this number, corners too?



**1 Number Paths**

Write the missing numbers. Each one touches the next, side or corner.



|    |    |    |    |    |    |
|----|----|----|----|----|----|
|    |    |    | 5  | 4  |    |
| 9  |    | 12 |    | 1  | 3  |
| 10 | 25 | 24 | 14 |    |    |
|    | 35 |    |    |    | 17 |
|    | 36 | 33 | 32 | 21 | 18 |
|    |    | 30 |    | 20 |    |

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |



2

Number Paths

Write the missing numbers. Each one touches the next, side or corner.



|    |    |    |    |    |    |
|----|----|----|----|----|----|
|    | 5  |    |    |    |    |
| 3  | 6  | 8  | 17 |    | 12 |
|    | 1  |    |    |    |    |
| 21 | 20 |    | 30 |    | 15 |
|    | 25 | 28 | 32 | 33 |    |
|    | 24 |    |    | 35 | 36 |

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |



3

Number Paths

Write the missing numbers. Each one touches the next, side or corner.



|    |    |    |    |    |    |
|----|----|----|----|----|----|
| 34 |    | 22 |    | 19 |    |
| 36 | 35 | 32 |    |    |    |
| 29 |    |    | 26 | 24 | 16 |
|    | 28 |    |    | 14 |    |
| 9  | 11 | 12 | 13 | 1  | 3  |
|    |    |    |    | 4  |    |

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |



**Number Paths**

Write the missing numbers. Each one touches the next, side or corner.



|    |    |    |    |    |   |
|----|----|----|----|----|---|
|    | 33 | 36 | 26 | 24 |   |
|    | 34 |    |    | 25 |   |
| 17 |    |    | 28 | 21 |   |
|    | 18 | 19 |    |    |   |
| 1  | 15 |    |    | 9  |   |
| 2  |    | 4  | 5  |    | 7 |

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |



5

Number Paths

Write the missing numbers. Each one touches the next, side or corner.



|    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
|    |    | 5  | 4  |    |    | 18 |
| 8  | 9  | 13 | 2  | 16 | 20 |    |
|    |    |    |    | 1  | 22 |    |
|    |    |    | 36 | 34 |    | 23 |
|    | 40 | 46 | 48 |    |    | 25 |
|    |    |    | 49 | 32 |    |    |
| 42 |    |    |    | 30 | 28 |    |

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



6

Number Paths

Write the missing numbers. Each one touches the next, side or corner.



|    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 13 |    |    |    | 39 |    | 49 |
| 12 | 15 |    |    | 40 | 48 |    |
| 9  |    |    | 37 |    | 45 |    |
| 8  |    | 20 | 35 |    | 42 | 43 |
|    | 1  |    | 26 |    |    |    |
|    |    | 22 |    | 27 | 31 | 30 |
| 3  |    | 5  |    |    |    |    |

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



7 Number Paths

Write the missing numbers. Each one touches the next, side or corner.



|    |    |    |    |    |    |   |
|----|----|----|----|----|----|---|
| 39 | 38 |    | 17 |    | 1  |   |
|    | 41 | 37 |    | 18 |    | 3 |
|    | 49 |    | 34 |    | 14 |   |
|    | 46 | 48 |    |    | 13 |   |
|    | 45 | 32 |    | 21 | 12 |   |
| 28 |    | 30 |    |    | 11 |   |
|    | 26 |    | 23 |    | 9  |   |

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



8

Number Paths

Write the missing numbers. Each one touches the next, side or corner.



|   |    |    |    |    |    |    |
|---|----|----|----|----|----|----|
|   |    | 7  | 8  | 9  |    |    |
|   | 6  | 1  |    |    |    | 14 |
| 5 |    |    | 20 |    |    |    |
|   | 24 | 45 | 48 |    |    | 17 |
|   | 43 |    |    | 49 | 38 |    |
|   |    |    |    | 40 |    |    |
|   | 28 |    | 31 |    |    |    |

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



9

Number Paths

Write the missing numbers. Each one touches the next, side or corner.



|   |    |    |    |    |    |    |
|---|----|----|----|----|----|----|
|   |    |    |    | 20 |    | 48 |
|   | 16 |    |    |    | 47 | 49 |
|   | 17 | 22 |    |    | 43 | 42 |
|   |    |    | 29 |    |    |    |
|   | 24 |    |    | 38 | 37 |    |
|   | 8  |    | 1  |    | 35 | 34 |
| 6 |    |    |    |    |    |    |

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



10

Number Paths

Write the missing numbers. Each one touches the next, side or corner.



|    |    |    |    |    |    |   |
|----|----|----|----|----|----|---|
| 27 |    |    |    |    | 2  |   |
| 28 |    |    | 24 |    |    | 4 |
|    |    | 33 |    |    |    | 5 |
| 35 |    |    | 48 | 20 |    |   |
| 37 | 45 | 47 |    | 19 |    | 9 |
|    |    | 43 |    |    |    |   |
|    |    |    | 15 |    | 12 |   |

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



# Answers

 For grown-ups. Cut off or keep this page aside until the puzzles are done.

## Learn • Number Paths

|    |    |    |    |    |
|----|----|----|----|----|
| 24 | 23 | 18 | 16 | 15 |
| 22 | 25 | 19 | 17 | 14 |
| 10 | 21 | 20 | 13 | 4  |
| 9  | 11 | 12 | 5  | 3  |
| 8  | 7  | 6  | 1  | 2  |

#1

|    |    |    |    |    |    |
|----|----|----|----|----|----|
| 8  | 7  | 6  | 5  | 4  | 2  |
| 9  | 11 | 12 | 13 | 1  | 3  |
| 10 | 25 | 24 | 14 | 15 | 16 |
| 26 | 35 | 34 | 23 | 22 | 17 |
| 27 | 36 | 33 | 32 | 21 | 18 |
| 28 | 29 | 30 | 31 | 20 | 19 |

18 and 20 are known. Only one empty square touches both, so 19 goes there.

#2

|    |    |    |    |    |    |
|----|----|----|----|----|----|
| 4  | 5  | 7  | 9  | 10 | 11 |
| 3  | 6  | 8  | 17 | 13 | 12 |
| 2  | 1  | 19 | 18 | 16 | 14 |
| 21 | 20 | 29 | 30 | 31 | 15 |
| 22 | 25 | 28 | 32 | 33 | 34 |
| 23 | 24 | 26 | 27 | 35 | 36 |

15 and 17 are known. Only one empty square touches both, so 16 goes there.

#3

|    |    |    |    |    |    |
|----|----|----|----|----|----|
| 34 | 33 | 22 | 21 | 19 | 18 |
| 36 | 35 | 32 | 23 | 20 | 17 |
| 29 | 30 | 31 | 26 | 24 | 16 |
| 10 | 28 | 27 | 25 | 14 | 15 |
| 9  | 11 | 12 | 13 | 1  | 3  |
| 8  | 7  | 6  | 5  | 4  | 2  |

14 and 16 are known. Only one empty square touches both, so 15 goes there.

#4

|    |    |    |    |    |    |
|----|----|----|----|----|----|
| 32 | 33 | 36 | 26 | 24 | 23 |
| 31 | 34 | 35 | 27 | 25 | 22 |
| 17 | 30 | 29 | 28 | 21 | 11 |
| 16 | 18 | 19 | 20 | 12 | 10 |
| 1  | 15 | 14 | 13 | 9  | 8  |
| 2  | 3  | 4  | 5  | 6  | 7  |

19 and 21 are known. Only one empty square touches both, so 20 goes there.

#5

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

28 and 30 are known. Only one empty square touches both, so 29 goes there.

#6

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

20 and 22 are known. Only one empty square touches both, so 21 goes there.

#7

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

28 and 30 are known. Only one empty square touches both, so 29 goes there.

#8

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

42 is 2 steps from 40 and next to 43. Only one square fits.



## Answers For grown-ups. Cut off or keep this page aside until the puzzles are done.

#9

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

19 is 2 steps from 17 and next to 20.  
Only one square fits.

#10

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

The 1 and the 49 are not printed.  
They are the ends of the path. Count  
along to row 1, column 5. Only 1 can  
go there.