

Le chemin (2) ...

Aux échecs le déplacement du cavalier est original. Il se déplace en L



Sur l'échiquier ci-dessous, on imagine un cavalier sur une case, (celle de votre choix) puis on le déplace vers une autre case contenant un nombre supérieur, et on recommence tant que c'est possible...

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|----|----|----|----|----|----|----|----|
| 30 | 50 | 41 | 11 | 2 | 61 | 47 | 40 |
| 38 | 15 | 12 | 27 | 54 | 56 | 31 | 25 |
| 1 | 14 | 17 | 63 | 10 | 35 | 0 | 43 |
| 42 | 48 | 6 | 24 | 51 | 57 | 55 | 49 |
| 21 | 8 | 18 | 5 | 9 | 58 | 33 | 52 |
| 46 | 16 | 45 | 32 | 62 | 39 | 44 | 7 |
| 22 | 59 | 13 | 28 | 37 | 23 | 19 | 36 |
| 20 | 34 | 4 | 3 | 53 | 60 | 26 | 29 |

Quel est le plus long chemin ?

Correction :

Le chemin maximum a dix étapes, il y a douze solutions.

Fiche : 132

1 - 6 - 10 - 12 - 24 - 35 - 47 - 54 - 57 - 63

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| 30 | 50 | 41 | 11 | 2 | 61 | 47 | 40 |
| 38 | 15 | 12 | 27 | 54 | 56 | 31 | 25 |
| 1 | 14 | 17 | 63 | 10 | 35 | 0 | 43 |
| 42 | 48 | 6 | 24 | 51 | 57 | 55 | 49 |
| 21 | 8 | 18 | 5 | 9 | 58 | 33 | 52 |
| 46 | 16 | 45 | 32 | 62 | 39 | 44 | 7 |
| 22 | 59 | 13 | 28 | 37 | 23 | 19 | 36 |
| 20 | 34 | 4 | 3 | 53 | 60 | 26 | 29 |



1 - 6 - 10 - 12 - 24 - 35 - 47 - 54 - 57 - 62

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|----|----|----|----|----|----|----|----|
| 30 | 50 | 41 | 11 | 2 | 61 | 47 | 40 |
| 38 | 15 | 12 | 27 | 54 | 56 | 31 | 25 |
| 1 | 14 | 17 | 63 | 10 | 35 | 0 | 43 |
| 42 | 48 | 6 | 24 | 51 | 57 | 55 | 49 |
| 21 | 8 | 18 | 5 | 9 | 58 | 33 | 52 |
| 46 | 16 | 45 | 32 | 62 | 39 | 44 | 7 |
| 22 | 59 | 13 | 28 | 37 | 23 | 19 | 36 |
| 20 | 34 | 4 | 3 | 53 | 60 | 26 | 29 |



1 - 6 - 10 - 11 - 17 - 38 - 41 - 54 - 57 - 63

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|----|----|----|----|----|----|----|----|
| 30 | 50 | 41 | 11 | 2 | 61 | 47 | 40 |
| 38 | 15 | 12 | 27 | 54 | 56 | 31 | 25 |
| 1 | 14 | 17 | 63 | 10 | 35 | 0 | 43 |
| 42 | 48 | 6 | 24 | 51 | 57 | 55 | 49 |
| 21 | 8 | 18 | 5 | 9 | 58 | 33 | 52 |
| 46 | 16 | 45 | 32 | 62 | 39 | 44 | 7 |
| 22 | 59 | 13 | 28 | 37 | 23 | 19 | 36 |
| 20 | 34 | 4 | 3 | 53 | 60 | 26 | 29 |

1 - 6 - 10 - 11 - 17 - 38 - 41 - 54 - 57 - 62

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|----|----|----|----|----|----|----|----|
| 30 | 50 | 41 | 11 | 2 | 61 | 47 | 40 |
| 38 | 15 | 12 | 27 | 54 | 56 | 31 | 25 |
| 1 | 14 | 17 | 63 | 10 | 35 | 0 | 43 |
| 42 | 48 | 6 | 24 | 51 | 57 | 55 | 49 |
| 21 | 8 | 18 | 5 | 9 | 58 | 33 | 52 |
| 46 | 16 | 45 | 32 | 62 | 39 | 44 | 7 |
| 22 | 59 | 13 | 28 | 37 | 23 | 19 | 36 |
| 20 | 34 | 4 | 3 | 53 | 60 | 26 | 29 |

1 - 6 - 9 - 23 - 33 - 35 - 47 - 54 - 57 - 63

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|----|----|----|----|----|----|----|----|
| 30 | 50 | 41 | 11 | 2 | 61 | 47 | 40 |
| 38 | 15 | 12 | 27 | 54 | 56 | 31 | 25 |
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| 42 | 48 | 6 | 24 | 51 | 57 | 55 | 49 |
| 21 | 8 | 18 | 5 | 9 | 58 | 33 | 52 |
| 46 | 16 | 45 | 32 | 62 | 39 | 44 | 7 |
| 22 | 59 | 13 | 28 | 37 | 23 | 19 | 36 |
| 20 | 34 | 4 | 3 | 53 | 60 | 26 | 29 |

1 - 6 - 9 - 23 - 33 - 35 - 47 - 54 - 57 - 62

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| 30 | 50 | 41 | 11 | 2 | 61 | 47 | 40 |
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| 21 | 8 | 18 | 5 | 9 | 58 | 33 | 52 |
| 46 | 16 | 45 | 32 | 62 | 39 | 44 | 7 |
| 22 | 59 | 13 | 28 | 37 | 23 | 19 | 36 |
| 20 | 34 | 4 | 3 | 53 | 60 | 26 | 29 |

1 - 6 - 9 - 23 - 33 - 43 - 47 - 54 - 57 - 63

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|----|----|----|----|----|----|----|----|
| 30 | 50 | 41 | 11 | 2 | 61 | 47 | 40 |
| 38 | 15 | 12 | 27 | 54 | 56 | 31 | 25 |
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| 42 | 48 | 6 | 24 | 51 | 57 | 55 | 49 |
| 21 | 8 | 18 | 5 | 9 | 58 | 33 | 52 |
| 46 | 16 | 45 | 32 | 62 | 39 | 44 | 7 |
| 22 | 59 | 13 | 28 | 37 | 23 | 19 | 36 |
| 20 | 34 | 4 | 3 | 53 | 60 | 26 | 29 |

1 - 6 - 9 - 23 - 33 - 43 - 47 - 54 - 57 - 62

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| 30 | 50 | 41 | 11 | 2 | 61 | 47 | 40 |
| 38 | 15 | 12 | 27 | 54 | 56 | 31 | 25 |
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| 42 | 48 | 6 | 24 | 51 | 57 | 55 | 49 |
| 21 | 8 | 18 | 5 | 9 | 58 | 33 | 52 |
| 46 | 16 | 45 | 32 | 62 | 39 | 44 | 7 |
| 22 | 59 | 13 | 28 | 37 | 23 | 19 | 36 |
| 20 | 34 | 4 | 3 | 53 | 60 | 26 | 29 |

1 - 6 - 9 - 23 - 33 - 36 - 39 - 51 - 56 - 63

| | | | | | | | |
|----|----|----|----|----|----|----|----|
| 30 | 50 | 41 | 11 | 2 | 61 | 47 | 40 |
| 38 | 15 | 12 | 27 | 54 | 56 | 31 | 25 |
| 1 | 14 | 17 | 63 | 10 | 35 | 0 | 43 |
| 42 | 48 | 6 | 24 | 51 | 57 | 55 | 49 |
| 21 | 8 | 18 | 5 | 9 | 58 | 33 | 52 |
| 46 | 16 | 45 | 32 | 62 | 39 | 44 | 7 |
| 22 | 59 | 13 | 28 | 37 | 23 | 19 | 36 |
| 20 | 34 | 4 | 3 | 53 | 60 | 26 | 29 |

1 - 6 - 9 - 23 - 33 - 36 - 39 - 55 - 56 - 63

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| 30 | 50 | 41 | 11 | 2 | 61 | 47 | 40 |
| 38 | 15 | 12 | 27 | 54 | 56 | 31 | 25 |
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1 - 6 - 9 - 23 - 33 - 36 - 39 - 52 - 57 - 63

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| 38 | 15 | 12 | 27 | 54 | 56 | 31 | 25 |
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| 21 | 8 | 18 | 5 | 9 | 58 | 33 | 52 |
| 46 | 16 | 45 | 32 | 62 | 39 | 44 | 7 |
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1 - 6 - 9 - 23 - 33 - 36 - 39 - 52 - 57 - 62

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| 38 | 15 | 12 | 27 | 54 | 56 | 31 | 25 |
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| 20 | 34 | 4 | 3 | 53 | 60 | 26 | 29 |