

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

Quel est le plus long chemin ?

Correction :

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

Fiche : 26

6 - 14 - 15 - 17 - 27 - 48 - 49 - 50 - 61 - 62

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

6 - 14 - 15 - 17 - 32 - 42 - 49 - 50 - 61 - 62

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

6 - 14 - 15 - 25 - 30 - 35 - 49 - 50 - 61 - 62

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

6 - 14 - 24 - 25 - 30 - 35 - 49 - 50 - 61 - 62

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

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| 23 | 57 | 62 | 6 | 25 | 33 | 20 | 8 |
| 41 | 56 | 1 | 10 | 61 | 14 | 30 | 53 |
| 46 | 27 | 31 | 15 | 35 | 59 | 50 | 45 |
| 4 | 39 | 12 | 48 | 32 | 43 | 11 | 2 |
| 55 | 54 | 17 | 47 | 28 | 49 | 29 | 7 |
| 34 | 58 | 5 | 42 | 13 | 40 | 3 | 22 |
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| 46 | 27 | 31 | 15 | 35 | 59 | 50 | 45 |
| 4 | 39 | 12 | 48 | 32 | 43 | 11 | 2 |
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