

tres cruces

3 1: 4 6 2

cuatro cruces

4 1: 4 6 8 2

cinco cruces

5 1: 4 8 10 2 6

5 2: 6 8 10 2 4

seis cruces

6 1: 4 8 10 2 12 6

6 2: 4 8 10 12 2 6

6 3: 4 8 12 10 2 6

siete cruces

7 1: 4 8 10 12 2 14 6

7 2: 4 8 12 2 14 6 10

7 3: 4 10 12 14 2 8 6

7 4: 4 10 14 12 2 8 6

7 5: 6 10 12 14 2 4 8

7 6: 6 10 12 14 4 2 8

7 7: 8 10 12 14 2 4 6

ocho cruces alternantes

8 1: 4 8 10 14 2 16 6 12

8 2: 4 8 12 2 14 6 16 10

8 3: 4 8 12 2 14 16 6 10

8 4: 4 8 12 2 16 14 6 10

8 5: 4 8 14 10 2 16 6 12

8 6: 4 10 12 14 2 16 6 8

8 7: 4 10 12 14 2 16 8 6

8 8: 4 10 12 14 16 2 6 8
8 9: 4 10 12 14 16 2 8 6
8 10: 4 10 14 16 12 2 8 6
8 11: 4 10 16 14 12 2 8 6
8 12: 6 8 10 12 14 16 2 4
8 13: 6 8 12 2 14 16 4 10
8 14: 6 8 12 14 4 16 2 10
8 15: 6 8 14 12 4 16 2 10
8 16: 6 10 12 14 16 4 2 8
8 17: 6 10 12 16 14 4 2 8
8 18: 6 12 10 16 14 4 2 8

ocho cruces no alternantes

8 1: 4 8 -12 2 -14 -6 -16 -10
8 2: 4 8 -12 2 14 -6 16 10
8 3: 4 8 -12 2 -14 -16 -6 -10

nueve cruces alternantes

9 1: 4 8 10 14 2 16 6 18 12
9 2: 4 8 10 14 2 16 18 6 12
9 3: 4 8 10 14 2 18 16 6 12
9 4: 4 8 12 2 16 6 18 10 14
9 5: 4 8 12 2 16 14 6 18 10
9 6: 4 8 12 14 2 16 18 10 6
9 7: 4 8 14 2 16 18 6 12 10
9 8: 4 8 14 2 18 16 6 12 10
9 9: 4 8 14 10 2 16 18 6 12
9 10: 4 8 14 10 2 18 16 6 12
9 11: 4 8 14 12 2 16 18 10 6
9 12: 4 10 12 14 2 18 16 6 8
9 13: 4 10 12 14 2 18 16 8 6
9 14: 4 10 12 14 16 2 6 18 8
9 15: 4 10 12 14 16 2 18 8 6
9 16: 4 10 12 16 2 8 18 6 14
9 17: 4 10 12 16 14 2 18 8 6
9 18: 4 10 14 12 16 2 6 18 8
9 19: 4 10 14 16 2 18 8 6 12
9 20: 4 10 14 16 12 2 18 6 8
9 21: 4 10 14 16 12 2 18 8 6
9 22: 4 10 16 14 2 18 8 6 12

9 23: 4 12 14 16 18 2 10 6 8
 9 24: 4 12 14 16 18 2 10 8 6
 9 25: 4 12 16 18 14 2 8 10 6
 9 26: 4 12 16 18 14 2 10 8 6
 9 27: 4 12 18 16 14 2 10 8 6
 9 28: 6 8 10 16 14 18 4 2 12
 9 29: 6 10 14 12 16 2 18 4 8
 9 30: 6 10 14 18 4 16 2 8 12
 9 31: 6 10 14 18 4 16 8 2 12
 9 32: 6 10 14 18 16 2 8 4 12
 9 33: 6 12 14 16 18 2 4 10 8
 9 34: 6 12 14 16 18 4 2 10 8
 9 35: 6 12 14 18 16 2 4 10 8
 9 36: 6 12 14 18 16 4 2 10 8
 9 37: 6 16 14 12 4 2 18 10 8
 9 38: 8 12 14 16 18 2 4 6 10
 9 39: 8 12 14 16 18 2 6 4 10
 9 40: 8 12 16 14 18 4 2 6 10
 9 41: 10 12 14 16 18 2 4 6 8

nueve cruces no alternantes

9 1: 4 8 10 -14 2 -16 -6 -18 -12
 9 2: 4 8 10 -14 2 16 -6 18 12
 9 3: 4 8 10 14 2 -16 6 -18 -12
 9 4: 4 8 10 -14 2 -16 -18 -6 -12
 9 5: 4 10 -14 -12 -16 2 -6 -18 -8
 9 6: 4 10 -14 -12 16 2 -6 18 8
 9 7: 6 8 10 16 14 -18 4 2 -12
 9 8: 6 -10 -14 12 -16 -2 18 -4 -8

diez cruces alternantes

10 1: 4 8 10 14 2 16 18 6 20 12
 10 2: 4 8 10 14 2 18 6 20 12 16
 10 3: 4 8 10 14 2 18 16 6 20 12
 10 4: 4 8 10 16 2 18 20 6 14 12
 10 5: 4 8 10 16 2 20 18 6 14 12
 10 6: 4 8 12 2 14 18 6 20 10 16
 10 7: 4 8 12 2 16 6 18 10 20 14
 10 8: 4 8 12 2 16 6 18 20 10 14
 10 9: 4 8 12 2 16 6 20 18 10 14

10 10: 4 8 12 2 18 14 6 20 10 16
10 11: 4 8 12 14 2 16 20 18 10 6
10 12: 4 8 12 18 2 16 20 6 10 14
10 13: 4 8 14 2 16 18 6 20 10 12
10 14: 4 8 14 2 16 18 6 20 12 10
10 15: 4 8 14 2 16 18 20 6 10 12
10 16: 4 8 14 2 16 18 20 6 12 10
10 17: 4 8 14 2 18 16 6 12 20 10
10 18: 4 8 14 2 18 20 16 6 12 10
10 19: 4 8 14 2 20 18 16 6 12 10
10 20: 4 8 14 10 2 18 6 20 12 16
10 21: 4 8 14 12 2 16 20 18 10 6
10 22: 4 8 16 10 2 18 20 6 14 12
10 23: 4 8 16 10 2 20 18 6 14 12
10 24: 4 8 18 12 2 16 20 6 10 14
10 25: 4 10 12 14 16 2 20 18 8 6
10 26: 4 10 12 14 18 2 6 20 8 16
10 27: 4 10 12 14 18 2 16 6 20 8
10 28: 4 10 12 16 2 8 18 20 6 14
10 29: 4 10 12 16 2 8 20 18 6 14
10 30: 4 10 12 16 2 20 6 18 8 14
10 31: 4 10 12 16 2 20 8 18 6 14
10 32: 4 10 12 16 14 2 20 18 8 6
10 33: 4 10 12 16 18 2 20 6 8 14
10 34: 4 10 12 16 18 2 20 8 6 14
10 35: 4 10 12 16 20 2 8 18 6 14
10 36: 4 10 14 12 2 16 18 20 8 6
10 37: 4 10 14 12 18 2 6 20 8 16
10 38: 4 10 14 12 18 2 16 6 20 8
10 39: 4 10 14 16 2 8 18 20 12 6
10 40: 4 10 14 16 2 18 8 6 20 12
10 41: 4 10 14 16 2 18 20 6 8 12
10 42: 4 10 14 16 2 18 20 8 6 12
10 43: 4 10 14 16 2 20 18 6 8 12
10 44: 4 10 14 16 2 20 18 8 6 12
10 45: 4 10 14 18 2 16 6 20 8 12
10 46: 4 10 14 18 2 16 8 20 12 6
10 47: 4 10 14 18 2 16 20 8 12 6
10 48: 4 10 16 12 2 8 18 20 6 14
10 49: 4 10 16 12 2 8 20 18 6 14
10 50: 4 10 16 14 2 8 18 20 12 6
10 51: 4 10 16 14 2 18 8 6 20 12
10 52: 4 10 16 14 2 20 8 18 6 12
10 53: 4 10 16 18 12 2 20 8 6 14
10 54: 4 10 18 16 12 2 20 8 6 14
10 55: 4 12 14 16 18 2 10 20 8 6

10 56: 4 12 14 16 18 2 20 6 8 10
10 57: 4 12 14 16 18 2 20 6 10 8
10 58: 4 12 14 16 18 2 20 10 8 6
10 59: 4 12 14 16 18 20 2 6 8 10
10 60: 4 12 14 16 18 20 2 6 10 8
10 61: 4 12 14 16 18 20 2 10 8 6
10 62: 4 12 14 16 20 18 2 8 6 10
10 63: 4 12 14 18 16 2 10 20 8 6
10 64: 4 12 14 18 16 2 20 10 8 6
10 65: 4 12 14 18 16 20 2 10 8 6
10 66: 4 12 16 14 18 2 8 20 10 6
10 67: 4 12 16 14 18 2 20 6 10 8
10 68: 4 12 16 18 14 2 10 20 6 8
10 69: 4 12 16 18 14 2 10 20 8 6
10 70: 4 12 16 18 20 14 2 10 6 8
10 71: 4 12 16 18 20 14 2 10 8 6
10 72: 4 12 16 20 18 2 8 6 10 14
10 73: 4 12 18 20 14 16 2 10 8 6
10 74: 4 12 18 20 16 14 2 10 8 6
10 75: 4 12 20 18 16 14 2 10 8 6
10 76: 6 8 10 14 16 18 20 2 4 12
10 77: 6 8 10 14 16 20 18 2 4 12
10 78: 6 8 12 2 16 4 18 20 10 14
10 79: 6 8 14 2 16 18 4 20 10 12
10 80: 6 8 14 2 16 18 4 20 12 10
10 81: 6 8 14 2 16 18 20 4 10 12
10 82: 6 8 14 2 16 18 20 4 12 10
10 83: 6 8 14 16 4 18 20 2 10 12
10 84: 6 8 14 16 4 18 20 2 12 10
10 85: 6 8 14 18 16 4 20 10 2 12
10 86: 6 8 16 14 4 18 20 2 10 12
10 87: 6 8 16 14 4 18 20 2 12 10
10 88: 6 8 18 14 16 4 20 2 10 12
10 89: 6 10 12 14 18 16 20 2 4 8
10 90: 6 10 12 20 18 16 8 2 4 14
10 91: 6 10 14 2 16 18 20 8 4 12
10 92: 6 10 14 2 16 20 18 8 4 12
10 93: 6 10 14 16 2 18 4 20 8 12
10 94: 6 10 14 16 4 18 2 20 12 8
10 95: 6 10 14 16 18 4 20 2 8 12
10 96: 6 10 14 18 2 16 20 4 8 12
10 97: 6 10 14 18 16 4 20 2 8 12
10 98: 6 10 16 14 2 18 8 20 4 12
10 99: 6 10 16 14 18 4 20 2 12 8
10 100: 6 10 16 20 14 2 18 4 8 12
10 101: 6 10 16 20 14 4 18 2 12 8

10 102: 6 10 18 12 4 16 20 8 2 14
 10 103: 6 10 18 14 2 16 20 8 4 12
 10 104: 6 10 18 14 16 4 20 8 2 12
 10 105: 6 10 18 16 14 4 20 8 2 12
 10 106: 6 10 20 14 16 18 4 8 2 12
 10 107: 6 12 14 16 18 2 4 20 8 10
 10 108: 6 12 14 16 18 2 4 20 10 8
 10 109: 6 12 14 16 18 4 2 20 10 8
 10 110: 6 12 14 16 18 20 4 2 8 10
 10 111: 6 12 14 16 18 20 4 2 10 8
 10 112: 6 12 14 18 20 16 4 2 10 8
 10 113: 6 12 14 20 18 16 4 2 10 8
 10 114: 6 14 12 16 18 20 4 2 8 10
 10 115: 6 14 12 16 18 20 4 2 10 8
 10 116: 6 14 12 18 20 16 4 2 10 8
 10 117: 6 14 12 20 18 16 4 2 10 8
 10 118: 6 16 12 14 18 4 20 2 8 10
 10 119: 6 16 12 14 18 4 20 2 10 8
 10 120: 6 16 18 14 2 4 20 8 10 12
 10 121: 8 10 12 14 16 18 20 2 4 6
 10 122: 8 10 14 16 2 18 20 6 4 12
 10 123: 8 10 16 14 2 18 20 6 4 12

diez cruces no alternantes

10 1: 4 8 10 -14 2 16 18 -6 20 12
 10 2: 4 8 10 -14 2 -16 -18 -6 -20 -12
 10 3: 4 8 10 -14 2 -18 -6 -20 -12 -16
 10 4: 4 8 12 2 -14 -18 6 -20 -10 -16
 10 5: 4 8 -12 2 14 18 -6 20 10 16
 10 6: 4 8 -12 2 -14 -18 -6 -20 -10 -16
 10 7: 4 8 12 2 -16 6 -18 -10 -20 -14
 10 8: 4 8 -12 2 16 -6 18 10 20 14
 10 9: 4 8 -12 2 -16 -6 -18 -10 -20 -14
 10 10: 4 8 12 2 -16 6 -18 -20 -10 -14
 10 11: 4 8 -12 2 16 -6 18 20 10 14
 10 12: 4 8 -12 2 -16 -6 -18 -20 -10 -14
 10 13: 4 8 -12 2 -16 -6 -20 -18 -10 -14
 10 14: 4 8 -12 -18 2 -16 -20 -6 -10 -14
 10 15: 4 8 14 2 -16 -18 6 -20 -10 -12
 10 16: 4 8 -14 2 16 18 -6 20 10 12
 10 17: 4 8 -14 2 -16 -18 -6 -20 -10 -12
 10 18: 4 8 14 2 -16 -18 6 -20 -12 -10
 10 19: 4 8 -14 2 16 18 -6 20 12 10

10 20: 4 8 -14 2 -16 -18 -6 -20 -12 -10
 10 21: 4 8 -14 2 -16 -18 -20 -6 -10 -12
 10 22: 4 8 -14 2 -16 -18 -20 -6 -12 -10
 10 23: 4 8 -18 -12 2 -16 -20 -6 -10 -14
 10 24: 4 10 -14 12 2 16 18 -20 8 -6
 10 25: 4 10 -14 -16 2 18 -8 -6 20 12
 10 26: 4 10 -14 -16 2 -18 -8 -6 -20 -12
 10 27: 4 10 -14 -16 2 -18 -20 -6 -8 -12
 10 28: 4 10 14 16 2 -18 -20 8 6 -12
 10 29: 4 10 -14 -16 2 18 20 -8 -6 12
 10 30: 4 10 -14 -16 2 -18 -20 -8 -6 -12
 10 31: 4 12 -16 14 -18 2 8 -20 -10 -6
 10 32: 4 12 16 -14 18 2 -8 20 10 6
 10 33: 4 12 -16 -14 -18 2 -8 -20 -10 -6
 10 34: 6 8 10 14 16 -18 -20 2 4 -12
 10 35: 6 8 10 14 16 -20 -18 2 4 -12
 10 36: 6 8 12 2 -16 4 -18 -20 -10 -14
 10 37: 6 8 14 18 16 4 -20 10 2 -12
 10 38: 6 -10 -12 14 -18 -16 20 -2 -4 -8
 10 39: 6 10 14 16 18 4 -20 2 8 -12
 10 40: 6 10 14 18 16 4 -20 2 8 -12
 10 41: 6 -10 -16 14 -2 -18 8 20 -4 -12
 10 42: 6 -10 -18 14 -2 -16 20 8 -4 12