Tests raté (le vrai à la fin)

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[[3, 0], [2, 1], [3, 3], [], 2.2],

[[2, 1], [2, 1], [3, 3], [], 0]])

\*mise à jour de la file pas ok

\*affichage lisible du graphe

\*heuristiques positions !!!

([[(1, 1), (2, 1), (3, 1), (4, 1), (5, 1), (6, 1), (7, 1)]],

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Test raté

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(29,1)],

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LE VRAI !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

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147, 1), (65, 1), (41, 1)], [(32, 1), (169, 1), (193, 1), (209, 1), (111, 1), (1

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(120, 1), (127, 1), (34, 1), (333, 1), (155, 1), (136, 1), (152, 1), (55, 1)],

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(67, 1), (151, 1), (150, 1), (32, 1), (126, 1), (124, 1), (22, 1), (119, 1), (11

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(333, 1), (153, 1), (155, 1), (343, 1), (162, 1), (165, 1), (40, 1), (4, 1), (4

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121, 1), (205, 1), (117, 1), (112, 1), (222, 1), (167, 1), (339, 1), (228, 1), (

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), (121, 1), (202, 1), (115, 1), (112, 1), (222, 1), (167, 1), (156, 1), (71, 1)

, (41, 1), (340, 1), (232, 1), (180, 1), (334, 1), (159, 1), (77, 1), (47, 1)],

[(350, 1), (176, 1), (148, 1), (236, 1), (125, 1), (121, 1), (205, 1), (117, 1),

(112, 1), (222, 1), (167, 1), (339, 1), (228, 1), (174, 1), (73, 1), (43, 1), (

337, 1), (230, 1), (178, 1), (159, 1), (77, 1), (47, 1)], [(374, 1), (217, 1), (

346, 1), (150, 1), (182, 1), (301, 1), (124, 1), (127, 1), (297, 1), (115, 1), (

120, 1), (156, 1), (71, 1), (41, 1), (337, 1), (230, 1), (178, 1), (445, 1), (75

, 1), (45, 1), (336, 1), (228, 1), (174, 1)], [(408, 1), (189, 1), (409, 1), (24

0, 1), (398, 1), (332, 1), (150, 1), (148, 1), (400, 1), (129, 1), (285, 1), (20

2, 1), (115, 1), (112, 1), (341, 1), (162, 1), (160, 1), (399, 1), (167, 1), (41

, 1), (180, 1), (47, 1)], [(295, 1), (403, 1), (31, 1), (303, 1), (19, 1), (36,

1), (405, 1), (39, 1), (446, 1), (169, 1), (407, 1), (345, 1)], [(382, 1), (209,

1), (252, 1), (304, 1), (111, 1), (138, 1), (297, 1), (115, 1), (120, 1), (343,

1), (162, 1), (165, 1), (147, 1), (65, 1), (41, 1)], [(181, 1), (31, 1), (182,

1), (55, 1), (33, 1), (155, 1), (163, 1), (36, 1), (165, 1), (183, 1), (39, 1),

(113, 1), (49, 1), (172, 1), (177, 1), (53, 1), (178, 1), (46, 1), (7, 1), (47,

1)], [(246, 1), (247, 1), (61, 1), (87, 1), (135, 1), (18, 1), (52, 1), (117, 1)

, (20, 1), (166, 1), (164, 1), (37, 1), (147, 1), (65, 1), (41, 1)], [(378, 1),

(247, 1), (252, 1), (248, 1), (135, 1), (138, 1), (203, 1), (117, 1), (120, 1),

(337, 1), (164, 1), (165, 1), (379, 1), (43, 1)], [(380, 1), (247, 1), (208, 1),

(250, 1), (135, 1), (109, 1), (205, 1), (117, 1), (112, 1), (342, 1), (164, 1),

(160, 1), (212, 1), (167, 1), (174, 1), (379, 1), (43, 1)], [(287, 1), (358, 1)

, (193, 1), (273, 1), (289, 1), (103, 1), (107, 1), (274, 1), (96, 1), (101, 1),

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(284, 1), (268, 1)], [(287, 1), (358, 1), (193, 1), (273, 1), (289, 1), (103, 1

), (107, 1), (274, 1), (96, 1), (101, 1), (288, 1), (359, 1), (195, 1), (215, 1)

, (190, 1), (282, 1), (266, 1), (391, 1), (284, 1), (268, 1)], [(271, 1), (391,

1), (279, 1), (264, 1), (277, 1), (262, 1), (281, 1), (265, 1), (272, 1), (191,

1), (391, 1), (353, 1)], [(374, 1), (217, 1), (358, 1), (193, 1), (273, 1), (301

, 1), (124, 1), (127, 1), (274, 1), (96, 1), (101, 1), (343, 1), (162, 1), (165,

1), (213, 1), (71, 1), (266, 1), (368, 1), (230, 1), (268, 1), (447, 1), (75, 1

), (356, 1), (228, 1)], [(100, 1), (67, 1), (58, 1), (9, 1), (21, 1), (22, 1), (

15, 1), (35, 1), (36, 1), (37, 1), (68, 1), (69, 1), (213, 1), (71, 1), (266, 1)

, (214, 1), (73, 1), (196, 1), (448, 1), (75, 1), (449, 1), (77, 1)], [(363, 1),

(191, 1), (376, 1), (217, 1), (364, 1), (193, 1), (245, 1), (124, 1), (121, 1),

(200, 1), (96, 1), (341, 1), (162, 1), (160, 1), (222, 1), (213, 1), (71, 1), (

266, 1), (450, 1), (232, 1), (354, 1), (449, 1), (77, 1)], [(374, 1), (217, 1),

(358, 1), (193, 1), (273, 1), (301, 1), (124, 1), (127, 1), (274, 1), (96, 1), (

101, 1), (343, 1), (162, 1), (165, 1), (213, 1), (71, 1), (266, 1), (368, 1), (2

30, 1), (268, 1), (447, 1), (75, 1), (356, 1), (228, 1)], [(382, 1), (209, 1), (

252, 1), (304, 1), (111, 1), (138, 1), (274, 1), (96, 1), (101, 1), (346, 1), (1

50, 1), (182, 1), (359, 1), (195, 1), (215, 1), (384, 1), (65, 1), (266, 1)], [(

374, 1), (217, 1), (358, 1), (193, 1), (273, 1), (301, 1), (124, 1), (127, 1), (

274, 1), (96, 1), (101, 1), (343, 1), (162, 1), (165, 1), (213, 1), (71, 1), (26

6, 1), (368, 1), (230, 1), (268, 1), (447, 1), (75, 1), (356, 1), (228, 1)], [(2

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(33, 1), (155, 1), (56, 1), (19, 1), (120, 1), (215, 1), (451, 1), (49, 1), (26

7, 1), (53, 1), (268, 1), (362, 1), (7, 1)], [(27, 1), (33, 1), (152, 1), (57, 1

), (19, 1), (112, 1), (390, 1), (50, 1), (451, 1), (49, 1), (366, 1), (54, 1), (

361, 1), (6, 1)], [(364, 1), (193, 1), (243, 1), (103, 1), (200, 1), (96, 1), (3

65, 1), (195, 1), (190, 1), (282, 1), (266, 1), (351, 1)], [(363, 1), (191, 1),

(367, 1), (209, 1), (208, 1), (244, 1), (111, 1), (109, 1), (200, 1), (96, 1), (

332, 1), (150, 1), (148, 1), (365, 1), (195, 1), (212, 1), (384, 1), (65, 1), (2

66, 1)], [(363, 1), (191, 1), (376, 1), (217, 1), (364, 1), (193, 1), (245, 1),

(124, 1), (121, 1), (200, 1), (96, 1), (341, 1), (162, 1), (160, 1), (222, 1), (

213, 1), (71, 1), (266, 1), (450, 1), (232, 1), (354, 1), (449, 1), (77, 1)], [(

388, 1), (264, 1), (204, 1), (154, 1), (152, 1), (205, 1), (117, 1), (112, 1), (

389, 1), (265, 1), (390, 1), (50, 1), (5, 1), (196, 1), (267, 1), (53, 1), (268,

1), (362, 1), (7, 1)], [(364, 1), (193, 1), (244, 1), (111, 1), (109, 1), (332,

1), (150, 1), (148, 1), (376, 1), (217, 1), (212, 1), (237, 1), (206, 1), (65,

1), (207, 1)], [(387, 1), (264, 1), (273, 1), (249, 1), (125, 1), (127, 1), (275

, 1), (262, 1), (101, 1), (337, 1), (164, 1), (165, 1), (73, 1), (196, 1), (447,

1), (75, 1), (369, 1), (232, 1)], [(388, 1), (264, 1), (236, 1), (125, 1), (121

, 1), (366, 1), (262, 1), (342, 1), (164, 1), (160, 1), (222, 1), (452, 1), (228

, 1), (73, 1), (196, 1), (368, 1), (230, 1), (268, 1), (449, 1), (77, 1)], [(387

, 1), (264, 1), (273, 1), (249, 1), (125, 1), (127, 1), (275, 1), (262, 1), (101

, 1), (337, 1), (164, 1), (165, 1), (73, 1), (196, 1), (447, 1), (75, 1), (369,

1), (232, 1)], [(374, 1), (217, 1), (301, 1), (124, 1), (127, 1), (343, 1), (162

, 1), (165, 1), (219, 1), (71, 1), (372, 1), (230, 1)], [(249, 1), (125, 1), (12

7, 1), (337, 1), (164, 1), (165, 1), (73, 1)], [(365, 1), (195, 1), (376, 1), (2

17, 1), (212, 1), (245, 1), (124, 1), (121, 1), (341, 1), (162, 1), (160, 1), (2

38, 1), (219, 1), (71, 1), (377, 1), (232, 1), (371, 1)], [(382, 1), (209, 1), (

252, 1), (301, 1), (124, 1), (127, 1), (343, 1), (162, 1), (165, 1), (453, 1), (

71, 1), (207, 1)], [(91, 1), (17, 1), (138, 1), (55, 1), (33, 1), (155, 1), (163

, 1), (36, 1), (165, 1), (233, 1), (69, 1), (92, 1), (23, 1), (122, 1), (226, 1)

, (85, 1), (229, 1), (230, 1), (89, 1), (76, 1), (77, 1), (14, 1)], [(365, 1), (

195, 1), (367, 1), (209, 1), (208, 1), (245, 1), (124, 1), (121, 1), (341, 1), (

162, 1), (160, 1), (222, 1), (237, 1), (453, 1), (71, 1), (207, 1)], [(212, 1),

(236, 1), (125, 1), (121, 1), (342, 1), (164, 1), (160, 1), (238, 1), (373, 1),

(228, 1), (73, 1), (372, 1), (230, 1)], [(248, 1), (135, 1), (138, 1), (349, 1),

(176, 1), (182, 1), (379, 1), (454, 1)], [(454, 1), (246, 1), (87, 1), (175, 1)

], [(250, 1), (135, 1), (109, 1), (350, 1), (176, 1), (148, 1), (212, 1), (237,

1), (379, 1), (454, 1)], [(254, 1), (59, 1), (78, 1)], [(304, 1), (111, 1), (138

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), (20, 1), (216, 1), (265, 1), (66, 1), (97, 1), (4, 1), (266, 1), (267, 1), (5

3, 1), (268, 1), (198, 1), (49, 1), (269, 1), (54, 1)], [(188, 1), (189, 1), (99

, 1), (190, 1), (191, 1), (100, 1), (206, 1), (209, 1), (61, 1), (84, 1), (111,

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195, 1), (66, 1)], [(246, 1), (247, 1), (61, 1), (87, 1), (135, 1), (18, 1), (10

2, 1), (262, 1), (15, 1), (175, 1), (176, 1), (32, 1), (216, 1), (265, 1), (66,

1), (384, 1), (65, 1), (266, 1)], [(67, 1), (263, 1), (264, 1), (58, 1), (88, 1)

, (125, 1), (22, 1), (102, 1), (262, 1), (15, 1), (166, 1), (164, 1), (37, 1), (

213, 1), (71, 1), (266, 1), (368, 1), (230, 1), (268, 1), (355, 1), (226, 1), (3

69, 1), (232, 1)], [(378, 1), (247, 1), (252, 1), (248, 1), (135, 1), (138, 1),

(275, 1), (262, 1), (101, 1), (349, 1), (176, 1), (182, 1), (370, 1), (265, 1),

(215, 1), (379, 1), (196, 1)], [(380, 1), (247, 1), (208, 1), (250, 1), (135, 1)

, (109, 1), (366, 1), (262, 1), (350, 1), (176, 1), (148, 1), (389, 1), (265, 1)

, (212, 1), (379, 1), (196, 1)], [(388, 1), (264, 1), (236, 1), (125, 1), (121,

1), (366, 1), (262, 1), (342, 1), (164, 1), (160, 1), (222, 1), (452, 1), (228,

1), (73, 1), (196, 1), (368, 1), (230, 1), (268, 1), (449, 1), (77, 1)], [(363,

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(197, 1), (362, 1), (7, 1)], [(397, 1), (279, 1), (287, 1), (387, 1), (264, 1),

(273, 1), (290, 1), (277, 1), (107, 1), (275, 1), (262, 1), (101, 1), (396, 1),

(281, 1), (288, 1), (370, 1), (265, 1), (215, 1), (241, 1), (196, 1)], [(278, 1)

, (279, 1), (87, 1), (135, 1), (18, 1), (51, 1), (154, 1), (34, 1), (280, 1), (2

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1), (89, 1), (85, 1), (90, 1)], [(239, 1), (240, 1), (210, 1), (190, 1), (191,

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(217, 1), (67, 1)], [(168, 1), (169, 1), (118, 1), (190, 1), (191, 1), (100, 1)

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, 1), (174, 1)], [(397, 1), (279, 1), (287, 1), (349, 1), (176, 1), (182, 1), (2

90, 1), (277, 1), (107, 1), (203, 1), (117, 1), (120, 1), (337, 1), (164, 1), (1

65, 1), (241, 1), (43, 1), (45, 1), (180, 1)], [(397, 1), (279, 1), (287, 1), (3

49, 1), (176, 1), (182, 1), (290, 1), (277, 1), (107, 1), (203, 1), (117, 1), (1

20, 1), (337, 1), (164, 1), (165, 1), (241, 1), (43, 1), (45, 1), (180, 1)], [(3

78, 1), (247, 1), (252, 1), (290, 1), (277, 1), (107, 1), (396, 1), (281, 1), (2

88, 1), (241, 1), (454, 1)], [(403, 1), (208, 1), (285, 1), (295, 1), (399, 1),

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1), (169, 1), (295, 1), (245, 1), (124, 1), (121, 1), (399, 1), (128, 1), (11, 1

), (90, 1), (14, 1), (134, 1)], [(457, 1), (403, 1), (398, 1), (93, 1), (17, 1),

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86, 1), (303, 1), (106, 1), (296, 1), (345, 1), (118, 1), (67, 1), (404, 1), (40

5, 1), (78, 1), (79, 1), (207, 1)], [(398, 1), (60, 1), (303, 1), (345, 1), (405

, 1), (79, 1), (459, 1), (240, 1)], [(99, 1), (402, 1), (403, 1), (210, 1), (62,

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), (69, 1), (80, 1), (81, 1)], [(399, 1), (403, 1), (63, 1), (303, 1), (345, 1),

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(413, 1), (193, 1), (308, 1), (129, 1), (306, 1), (96, 1), (420, 1), (169, 1),

(415, 1), (195, 1), (266, 1)], [(411, 1), (189, 1), (413, 1), (193, 1), (309, 1)

, (103, 1), (306, 1), (96, 1), (315, 1), (415, 1), (195, 1), (190, 1), (282, 1),

(266, 1), (351, 1)], [(411, 1), (189, 1), (412, 1), (191, 1), (421, 1), (209, 1

), (310, 1), (111, 1), (306, 1), (96, 1), (422, 1), (150, 1), (415, 1), (195, 1)

, (384, 1), (65, 1), (266, 1)], [(424, 1), (420, 1), (169, 1), (306, 1), (96, 1)

, (315, 1), (422, 1), (150, 1), (307, 1), (153, 1), (434, 1), (162, 1), (318, 1)

, (40, 1), (4, 1), (41, 1), (170, 1), (437, 1), (28, 1), (438, 1), (173, 1), (50

, 1), (174, 1)], [(411, 1), (189, 1), (412, 1), (191, 1), (441, 1), (217, 1), (4

13, 1), (193, 1), (417, 1), (124, 1), (306, 1), (96, 1), (434, 1), (162, 1), (31

8, 1), (213, 1), (71, 1), (266, 1), (354, 1), (460, 1), (443, 1), (356, 1), (228

, 1)], [(142, 1), (33, 1), (143, 1), (19, 1), (312, 1), (313, 1), (461, 1), (133

, 1), (451, 1), (49, 1), (361, 1), (6, 1), (362, 1), (7, 1)], [(308, 1), (129, 1

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(224, 1), (442, 1), (443, 1), (29, 1), (227, 1), (228, 1), (86, 1)], [(144, 1),

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(13, 1), (27, 1), (7, 1), (14, 1)], [(411, 1), (189, 1), (421, 1), (209, 1), (3

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(411, 1), (189, 1), (315, 1), (419, 1), (240, 1), (422, 1), (150, 1), (308, 1),

(129, 1), (414, 1), (115, 1), (312, 1), (434, 1), (162, 1), (318, 1), (41, 1), (

438, 1), (174, 1)], [(419, 1), (240, 1), (413, 1), (193, 1), (310, 1), (111, 1),

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, (111, 1), (414, 1), (115, 1), (312, 1), (434, 1), (162, 1), (318, 1), (147, 1)

, (65, 1), (41, 1)], [(312, 1), (462, 1), (463, 1), (430, 1), (464, 1), (115, 1)

, (465, 1), (117, 1), (466, 1), (19, 1)], [(463, 1), (315, 1), (312, 1)], [(467,

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, (53, 1), (178, 1), (437, 1), (28, 1), (438, 1), (179, 1), (54, 1), (180, 1)],

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(475, 1)], [(472, 1), (429, 1), (313, 1)], [(473, 1), (428, 1), (313, 1)], [(315

, 1), (463, 1), (423, 1), (476, 1), (281, 1)], [(477, 1), (279, 1), (467, 1), (1

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18, 1), (429, 1), (320, 1), (479, 1), (470, 1), (322, 1), (241, 1), (43, 1), (39

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415, 1), (195, 1), (315, 1), (441, 1), (217, 1), (422, 1), (150, 1), (417, 1), (

124, 1), (414, 1), (115, 1), (312, 1), (156, 1), (71, 1), (41, 1), (334, 1), (48

0, 1), (443, 1), (438, 1), (336, 1), (228, 1), (174, 1)], [(318, 1), (481, 1), (

463, 1), (430, 1), (423, 1), (482, 1), (162, 1), (483, 1), (164, 1), (484, 1), (

36, 1)], [(424, 1), (420, 1), (169, 1), (415, 1), (195, 1), (315, 1), (441, 1),

(217, 1), (422, 1), (150, 1), (417, 1), (124, 1), (414, 1), (115, 1), (312, 1),

(156, 1), (71, 1), (41, 1), (334, 1), (480, 1), (443, 1), (438, 1), (336, 1), (2

28, 1), (174, 1)], [(467, 1), (176, 1), (485, 1), (125, 1), (425, 1), (117, 1),

(312, 1), (326, 1), (320, 1), (486, 1), (470, 1), (432, 1), (328, 1), (322, 1),

(73, 1), (43, 1), (337, 1), (230, 1), (178, 1), (480, 1), (443, 1), (438, 1), (3

38, 1), (232, 1), (180, 1)], [(320, 1), (463, 1), (430, 1), (423, 1)], [(315, 1)

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319, 1), (39, 1), (320, 1), (321, 1), (133, 1), (322, 1), (113, 1), (49, 1), (17

2, 1), (44, 1), (6, 1), (45, 1), (46, 1), (7, 1), (47, 1)], [(443, 1), (316, 1),

(143, 1), (317, 1), (319, 1), (322, 1), (172, 1), (45, 1)], [(428, 1), (415, 1)

, (195, 1), (429, 1), (441, 1), (217, 1), (417, 1), (124, 1), (313, 1), (434, 1)

, (162, 1), (318, 1), (219, 1), (71, 1), (371, 1)], [(326, 1), (487, 1), (472, 1

), (473, 1), (426, 1)], [(419, 1), (240, 1), (415, 1), (195, 1), (421, 1), (209,

1), (417, 1), (124, 1), (434, 1), (162, 1), (318, 1), (453, 1), (71, 1), (207,

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(226, 1), (85, 1), (74, 1), (75, 1), (13, 1), (76, 1), (77, 1), (14, 1)], [(438

, 1), (145, 1), (317, 1), (325, 1), (328, 1), (226, 1), (75, 1)], [(331, 1), (47

2, 1), (473, 1), (426, 1)], [(181, 1), (31, 1), (182, 1), (74, 1), (21, 1), (127

, 1), (56, 1), (19, 1), (120, 1), (233, 1), (69, 1), (183, 1), (39, 1), (161, 1)

, (226, 1), (172, 1), (337, 1), (230, 1), (178, 1), (159, 1), (77, 1), (47, 1)],

[(99, 1), (402, 1), (403, 1), (210, 1), (30, 1), (31, 1), (32, 1), (286, 1), (3

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(405, 1), (38, 1), (39, 1), (41, 1), (43, 1), (45, 1), (47, 1)], [(273, 1), (74

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(69, 1), (488, 1), (226, 1), (368, 1), (230, 1), (268, 1), (449, 1), (77, 1)],

[(94, 1), (21, 1), (121, 1), (159, 1), (36, 1), (160, 1), (234, 1), (69, 1), (22

2, 1), (452, 1), (228, 1), (488, 1), (226, 1), (450, 1), (232, 1), (448, 1), (75

, 1)], [(388, 1), (264, 1), (236, 1), (125, 1), (121, 1), (366, 1), (262, 1), (3

42, 1), (164, 1), (160, 1), (222, 1), (452, 1), (228, 1), (73, 1), (196, 1), (36

8, 1), (230, 1), (268, 1), (449, 1), (77, 1)], [(100, 1), (58, 1), (2, 1), (33,

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1), (5, 1), (196, 1), (361, 1), (6, 1), (362, 1), (7, 1)], [(363, 1), (191, 1),

(376, 1), (217, 1), (364, 1), (193, 1), (245, 1), (124, 1), (121, 1), (200, 1),

(96, 1), (341, 1), (162, 1), (160, 1), (222, 1), (213, 1), (71, 1), (266, 1), (4

50, 1), (232, 1), (354, 1), (449, 1), (77, 1)], [(239, 1), (240, 1), (210, 1), (

194, 1), (195, 1), (66, 1), (206, 1), (209, 1), (61, 1), (126, 1), (124, 1), (22

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175, 1), (176, 1), (32, 1), (108, 1), (277, 1), (16, 1), (52, 1), (117, 1), (20,

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1), (394, 1), (282, 1), (41, 1), (395, 1), (284, 1), (178, 1), (45, 1), (174, 1

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9, 1), (207, 1)], [(145, 1), (21, 1), (317, 1), (36, 1), (318, 1), (325, 1), (69

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1), (77, 1)], [(411, 1), (189, 1), (412, 1), (191, 1), (413, 1), (193, 1), (307

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), (266, 1), (197, 1), (416, 1), (28, 1), (199, 1), (50, 1)], [(490, 1), (463, 1

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(37, 1), (40, 1), (4, 1), (41, 1), (42, 1), (5, 1), (43, 1), (171, 1), (49, 1),

(172, 1), (492, 1), (493, 1)], [(424, 1), (430, 1), (423, 1)], [(490, 1), (463,

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(501, 1), (426, 1), (502, 1), (436, 1), (167, 1), (186, 1), (50, 1), (174, 1),

(462, 1), (187, 1), (54, 1), (180, 1), (46, 1), (7, 1), (47, 1)], [(503, 1), (24

7, 1), (504, 1), (135, 1), (425, 1), (117, 1), (312, 1), (435, 1), (164, 1), (31

8, 1), (320, 1), (470, 1), (322, 1), (379, 1), (43, 1)], [(504, 1), (135, 1), (4

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, (512, 1), (440, 1), (474, 1), (4, 1), (513, 1), (5, 1)], [(428, 1), (473, 1),

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33, 1), (153, 1), (155, 1), (297, 1), (115, 1), (120, 1), (474, 1), (4, 1), (514

, 1), (53, 1)], [(287, 1), (182, 1), (107, 1), (515, 1), (423, 1), (120, 1), (48

3, 1), (433, 1), (165, 1), (516, 1), (473, 1), (495, 1), (436, 1), (517, 1), (51

8, 1), (498, 1), (499, 1), (395, 1), (284, 1), (178, 1), (45, 1), (493, 1)], [(5

03, 1), (247, 1), (478, 1), (277, 1), (431, 1), (281, 1), (315, 1), (429, 1), (4

79, 1), (241, 1), (454, 1)], [(477, 1), (279, 1), (504, 1), (135, 1), (468, 1),

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(134, 1), (241, 1), (12, 1), (283, 1), (284, 1), (89, 1), (29, 1), (90, 1)], [(5

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, (491, 1), (430, 1), (67, 1), (32, 1), (22, 1), (511, 1), (423, 1), (20, 1), (1

56, 1), (71, 1), (41, 1), (157, 1), (73, 1), (43, 1), (335, 1), (226, 1), (172,

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(71, 1), (41, 1), (157, 1), (73, 1), (43, 1), (335, 1), (226, 1), (172, 1), (51

9, 1), (520, 1), (493, 1)], [(182, 1), (127, 1), (515, 1), (423, 1), (120, 1), (

521, 1), (440, 1), (495, 1), (436, 1), (522, 1), (523, 1), (498, 1), (499, 1), (

481, 1), (337, 1), (230, 1), (178, 1), (445, 1), (75, 1), (45, 1), (519, 1), (52

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112, 1), (525, 1), (440, 1), (222, 1), (502, 1), (436, 1), (167, 1), (339, 1), (

228, 1), (174, 1), (481, 1), (340, 1), (232, 1), (180, 1), (159, 1), (77, 1), (4

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, (71, 1), (266, 1), (214, 1), (73, 1), (196, 1), (448, 1), (75, 1), (449, 1), (

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213, 1), (71, 1), (266, 1), (354, 1), (460, 1), (443, 1), (356, 1), (228, 1)], [

(118, 1), (491, 1), (430, 1), (32, 1), (511, 1), (423, 1), (20, 1), (482, 1), (4

33, 1), (37, 1), (41, 1)], [(490, 1), (463, 1), (118, 1), (100, 1), (32, 1), (16

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1), (436, 1), (167, 1), (186, 1), (50, 1), (174, 1), (462, 1), (187, 1), (54, 1)

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502, 1), (436, 1), (167, 1), (174, 1), (180, 1), (47, 1)], [(541, 1), (473, 1),

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(542, 1), (444, 1), (238, 1), (543, 1), (50, 1), (471, 1), (544, 1), (54, 1)], [

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28, 1), (538, 1)], [(510, 1), (473, 1), (527, 1), (426, 1), (490, 1), (463, 1),

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, [(490, 1), (463, 1), (118, 1), (15, 1), (491, 1), (430, 1), (32, 1), (34, 1),

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483, 1), (433, 1), (165, 1), (528, 1), (444, 1), (522, 1), (523, 1), (529, 1), (

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