Reglas:

g = 500

h = HayCambioAPie × 3000 + HayCambioAnden × 1000 + Distancia × 1

Conjuntos:

E = 0

F = Y23 0, 8400 8400

E = Y23 0, 8400 8400

F = {Y22(Y23){500 , 7400}^{7900}, Y24(Y23){500 , 11700}^{12200}}

E = {Y23(Y23){0 , 8400}^{8400}, Y22(Y23){500 , 7400}^{7900}}

F = {Y24(Y23){500 , 11700}^{12200}, Y21(Y22){1000 , 4600}^{5600}, E16(Y22)_{1000 , 4600+1000}^{6600}}

E = {Y23(Y23){0 , 8400}^{8400}, Y22(Y23){500 , 7400}^{7900}, Y21(Y22)_{1000 , 4600}^{5600}}

F = {Y24(Y23){500 , 11700}^{12200}, E16(Y22){1000 , 4600+1000}^{6600}, Y20(Y21){1500 , 4000}^{5500}, H11(Y21){1500 , 4000+3000}^{8500}}

E = {Y23(Y23){0 , 8400}^{8400}, Y22(Y23){500 , 7400}^{7900}, Y21(Y22){1000 , 4600}^{5600}, Y20(Y21){1500 , 4000}^{5500}}

F = {Y24(Y23){500 , 11700}^{12200}, E16(Y22){1000 , 4600+1000}^{6600}, H11(Y21){1500 , 4000+3000}^{8500}, Y19(Y20){2000 , 3000}^{5000}, M16(Y20){2000 , 3000+3000}^{8000}, C09(Y20){2000 , 3000+3000}^{8000}, G09(Y20)_{2000 , 3000+3000}^{8000}}

E = {Y23(Y23){0 , 8400}^{8400}, Y22(Y23){500 , 7400}^{7900}, Y21(Y22){1000 , 4600}^{5600}, Y20(Y21){1500 , 4000}^{5500}, Y19(Y20)_{2000 , 3000}^{5000}}

F = {Y24(Y23){500 , 11700}^{12200}, E16(Y22){1000 , 4600+1000}^{6600}, H11(Y21){1500 , 4000+3000}^{8500}, M16(Y20){2000 , 3000+3000}^{8000}, C09(Y20){2000 , 3000+3000}^{8000}, G09(Y20){2000 , 3000+3000}^{8000}, Y18(Y19){2500 , 2100}^{4600}, I08(Y20){2500 , 2100+3000}^{7600}, C09(Y20){2500 , 2100+3000}^{7600}, H08(Y20){2500 , 2100+3000}^{7600}}

E = {Y23(Y23){0 , 8400}^{8400}, Y22(Y23){500 , 7400}^{7900}, Y21(Y22){1000 , 4600}^{5600}, Y20(Y21){1500 , 4000}^{5500}, Y19(Y20){2000 , 3000}^{5000}, Y18(Y19){2500 , 2100}^{4600}}

F = {Y24(Y23){500 , 11700}^{12200}, E16(Y22){1000 , 4600+1000}^{6600}, H11(Y21){1500 , 4000+3000}^{8500}, M16(Y20){2000 , 3000+3000}^{8000}, C09(Y20){2000 , 3000+3000}^{8000}, G09(Y20){2000 , 3000+3000}^{8000}, I08(Y20){2500 , 2100+3000}^{7600}, C09(Y20){2500 , 2100+3000}^{7600}, H08(Y20){2500 , 2100+3000}^{7600}, Y17(Y18){3000 , 2000}^{5000}}

E = {Y23(Y23){0 , 8400}^{8400}, Y22(Y23){500 , 7400}^{7900}, Y21(Y22){1000 , 4600}^{5600}, Y20(Y21){1500 , 4000}^{5500}, Y19(Y20){2000 , 3000}^{5000}, Y18(Y19){2500 , 2100}^{4600}, Y17(Y18)_{3000 , 2000}^{5000}}

F = {Y24(Y23){500 , 11700}^{12200}, E16(Y22){1000 , 4600+1000}^{6600}, H11(Y21){1500 , 4000+3000}^{8500}, M16(Y20){2000 , 3000+3000}^{8000}, C09(Y20){2000 , 3000+3000}^{8000}, G09(Y20){2000 , 3000+3000}^{8000}, I08(Y20){2500 , 2100+3000}^{7600}, C09(Y20){2500 , 2100+3000}^{7600}, H08(Y20){2500 , 2100+3000}^{7600}, Y16(Y17){3500 , 3400}^{6900}, Z04(Y17){3500 , 3400+1000}^{7900}, N07(Y17){3500 , 3400+1000}^{7900}, G05(Y17){3500 , 3400+3000}^{9900}, M13(Y17){3500 , 3400+3000}^{9900}}

E = {Y23(Y23){0 , 8400}^{8400}, Y22(Y23){500 , 7400}^{7900}, Y21(Y22){1000 , 4600}^{5600}, Y20(Y21){1500 , 4000}^{5500}, Y19(Y20){2000 , 3000}^{5000}, Y18(Y19){2500 , 2100}^{4600}, Y17(Y18){3000 , 2000}^{5000}, E16(Y22){1000 , 4600+1000}^{6600}}

F = {Y24(Y23){500 , 11700}^{12200}, H11(Y21){1500 , 4000+3000}^{8500}, M16(Y20){2000 , 3000+3000}^{8000}, C09(Y20){2000 , 3000+3000}^{8000}, G09(Y20){2000 , 3000+3000}^{8000}, I08(Y20){2500 , 2100+3000}^{7600}, C09(Y20){2500 , 2100+3000}^{7600}, H08(Y20){2500 , 2100+3000}^{7600}, Y16(Y17){3500 , 3400}^{6900}, Z04(Y17){3500 , 3400+1000}^{7900}, N07(Y17){3500 , 3400+1000}^{7900}, G05(Y17){3500 , 3400+3000}^{9900}, M13(Y17){3500 , 3400+3000}^{9900}, E15(E16){1500 ,

3400+1000}^{5900}, E17(E16){1500 , 4100+1000}^{6600}, T12(Y22){1500 , 3400+(1000)X2}^{6900}}

E = {Y23(Y23){0 , 8400}^{8400}, Y22(Y23){500 , 7400}^{7900}, Y21(Y22){1000 , 4600}^{5600}, Y20(Y21){1500 , 4000}^{5500}, Y19(Y20){2000 , 3000}^{5000}, Y18(Y19){2500 , 2100}^{4600}, Y17(Y18){3000 , 2000}^{5000}, E16(Y22){1000 , 4600+1000}^{6600}, E15(E16)_{1500 , 3400+1000}^{5900}}

F = {Y24(Y23){500 , 11700}^{12200}, H11(Y21){1500 , 4000+3000}^{8500}, M16(Y20){2000 , 3000+3000}^{8000}, C09(Y20){2000 , 3000+3000}^{8000}, G09(Y20){2000 , 3000+3000}^{8000}, I08(Y20){2500 , 2100+3000}^{7600}, C09(Y20){2500 , 2100+3000}^{7600}, H08(Y20){2500 , 2100+3000}^{7600}, Y16(Y17){3500 , 3400}^{6900}, Z04(Y17){3500 , 3400+1000}^{7900}, N07(Y17){3500 , 3400+1000}^{7900}, G05(Y17){3500 , 3400+3000}^{9900}, M13(Y17){3500 , 3400+3000}^{9900}, E17(E16){1500 , 4100+1000}^{6600}, T12(Y22){1500 , 3400+(1000)X2}^{6900}, E14(E15){2000 , 4900+1000}^{7900}, Z11(E15)_{2000 , 4900+(1000)X2}^{8900}}

E = {Y23(Y23){0 , 8400}^{8400}, Y22(Y23){500 , 7400}^{7900}, Y21(Y22){1000 , 4600}^{5600}, Y20(Y21){1500 , 4000}^{5500}, Y19(Y20){2000 , 3000}^{5000}, Y18(Y19){2500 , 2100}^{4600}, Y17(Y18){3000 , 2000}^{5000}, E16(Y22){1000 , 4600+1000}^{6600}, E15(E16){1500 , 3400+1000}^{5900}, E17(E16){1500 , 4100+1000}^{6600}}

F = {Y24(Y23){500 , 11700}^{12200}, H11(Y21){1500 , 4000+3000}^{8500}, M16(Y20){2000 , 3000+3000}^{8000}, C09(Y20){2000 , 3000+3000}^{8000}, G09(Y20){2000 , 3000+3000}^{8000}, I08(Y20){2500 , 2100+3000}^{7600}, C09(Y20){2500 , 2100+3000}^{7600}, H08(Y20){2500 , 2100+3000}^{7600}, Y16(Y17){3500 , 3400}^{6900}, Z04(Y17){3500 , 3400+1000}^{7900}, N07(Y17){3500 , 3400+1000}^{7900}, G05(Y17){3500 , 3400+3000}^{9900}, M13(Y17){3500 , 3400+3000}^{9900}, T12(Y22){1500 , 3400+(1000)X2}^{6900}, E14(E15){2000 , 4900+1000}^{7900}, Z11(E15){2000 , 4900+(1000)X2}^{8900}, E18(E17)_{2000 , 3100+1000}^{6100}}

E = {Y23(Y23){0 , 8400}^{8400}, Y22(Y23){500 , 7400}^{7900}, Y21(Y22){1000 , 4600}^{5600}, Y20(Y21){1500 , 4000}^{5500}, Y19(Y20){2000 , 3000}^{5000}, Y18(Y19){2500 , 2100}^{4600}, Y17(Y18){3000 , 2000}^{5000}, E16(Y22){1000 , 4600+1000}^{6600}, E15(E16){1500 , 3400+1000}^{5900}, E17(E16){1500 , 4100+1000}^{6600}, E18(E17)_{2000 , 3100+1000}^{6100}}

F = {Y24(Y23){500 , 11700}^{12200}, H11(Y21){1500 , 4000+3000}^{8500}, M16(Y20){2000 , 3000+3000}^{8000}, C09(Y20){2000 , 3000+3000}^{8000}, G09(Y20){2000 , 3000+3000}^{8000}, I08(Y20){2500 , 2100+3000}^{7600}, C09(Y20){2500 , 2100+3000}^{7600}, H08(Y20){2500 , 2100+3000}^{7600}, Y16(Y17){3500 , 3400}^{6900}, Z04(Y17){3500 , 3400+1000}^{7900}, N07(Y17){3500 , 3400+1000}^{7900}, G05(Y17){3500 , 3400+3000}^{9900}, M13(Y17){3500 , 3400+3000}^{9900}, T12(Y22){1500 , 3400+(1000)X2}^{6900}, E14(E15){2000 , 4900+1000}^{7900}, Z11(E15){2000 , 4900+(1000)X2}^{8900}, E19(E18)_{2500 , 3800+1000}^{7300}}

E = {Y23(Y23){0 , 8400}^{8400}, Y22(Y23){500 , 7400}^{7900}, Y21(Y22){1000 , 4600}^{5600}, Y20(Y21){1500 , 4000}^{5500}, Y19(Y20){2000 , 3000}^{5000}, Y18(Y19){2500 , 2100}^{4600}, Y17(Y18){3000 , 2000}^{5000}, E16(Y22){1000 , 4600+1000}^{6600}, E15(E16){1500 , 3400+1000}^{5900}, E17(E16){1500 , 4100+1000}^{6600}, E18(E17){2000 , 3100+1000}^{6100}, Y16(Y17){3500 , 3400}^{6900}}

F = {Y24(Y23){500 , 11700}^{12200}, H11(Y21){1500 , 4000+3000}^{8500}, M16(Y20){2000 , 3000+3000}^{8000}, C09(Y20){2000 , 3000+3000}^{8000}, G09(Y20){2000 , 3000+3000}^{8000}, I08(Y20){2500 , 2100+3000}^{7600}, C09(Y20){2500 , 2100+3000}^{7600}, H08(Y20){2500 , 2100+3000}^{7600}, Z04(Y17){3500 , 3400+1000}^{7900}, N07(Y17){3500 , 3400+1000}^{7900}, G05(Y17){3500 , 3400+3000}^{9900}, M13(Y17){3500 , 3400+3000}^{9900}, T12(Y22){1500 , 3400+(1000)X2}^{6900}, E14(E15){2000 , 4900+1000}^{7900}, Z11(E15){2000 , 4900+(1000)X2}^{8900}, E19(E18){2500 , 3800+1000}^{7300}, Y15(Y16)_{4000 , 4000}^{8000}}

E = {Y23(Y23){0 , 8400}^{8400}, Y22(Y23){500 , 7400}^{7900}, Y21(Y22){1000 , 4600}^{5600}, Y20(Y21){1500 , 4000}^{5500}, Y19(Y20){2000 , 3000}^{5000}, Y18(Y19){2500 , 2100}^{4600}, Y17(Y18){3000 , 2000}^{5000}, E16(Y22){1000 , 4600+1000}^{6600}, E15(E16){1500 , 3400+1000}^{5900}, E17(E16){1500 , 4100+1000}^{6600}, E18(E17){2000 , 3100+1000}^{6100}, Y16(Y17){3500 , 3400}^{6900}, T12(Y22)_{1500 , 3400+(1000)X2}^{6900}}

F = {Y24(Y23){500 , 11700}^{12200}, H11(Y21){1500 , 4000+3000}^{8500}, M16(Y20){2000 , 3000+3000}^{8000}, C09(Y20){2000 , 3000+3000}^{8000}, G09(Y20){2000 , 3000+3000}^{8000}, I08(Y20){2500 , 2100+3000}^{7600}, C09(Y20){2500 , 2100+3000}^{7600}, H08(Y20){2500 , 2100+3000}^{7600}, Z04(Y17){3500 , 3400+1000}^{7900}, N07(Y17){3500 , 3400+1000}^{7900}, G05(Y17){3500 , 3400+3000}^{9900}, M13(Y17){3500 , 3400+3000}^{9900}, E14(E15){2000 ,

4900+1000}^{7900}, Z11(E15){2000 , 4900+(1000)X2}^{8900}, E19(E18){2500 , 3800+1000}^{7300}, Y15(Y16){4000 , 4000}^{8000}, T13(T12){2000 , 54000+(1000)X2}^{9400}, T11(T12){2000 , 1800+(1000)X2}^{5800}, H13(T12)_{2000 , 1800+(3000)X2}^{6800}}

E = {Y23(Y23){0 , 8400}^{8400}, Y22(Y23){500 , 7400}^{7900}, Y21(Y22){1000 , 4600}^{5600}, Y20(Y21){1500 , 4000}^{5500}, Y19(Y20){2000 , 3000}^{5000}, Y18(Y19){2500 , 2100}^{4600}, Y17(Y18){3000 , 2000}^{5000}, E16(Y22){1000 , 4600+1000}^{6600}, E15(E16){1500 , 3400+1000}^{5900}, E17(E16){1500 , 4100+1000}^{6600}, E18(E17){2000 , 3100+1000}^{6100}, Y16(Y17){3500 , 3400}^{6900}, T12(Y22){1500 , 3400+(1000)X2}^{6900}, T11(T12){2000 , 1800+(1000)X2}^{5800}}

F = {Y24(Y23){500 , 11700}^{12200}, H11(Y21){1500 , 4000+3000}^{8500}, M16(Y20){2000 , 3000+3000}^{8000}, C09(Y20){2000 , 3000+3000}^{8000}, G09(Y20){2000 , 3000+3000}^{8000}, I08(Y20){2500 , 2100+3000}^{7600}, C09(Y20){2500 , 2100+3000}^{7600}, H08(Y20){2500 , 2100+3000}^{7600}, Z04(Y17){3500 , 3400+1000}^{7900}, N07(Y17){3500 , 3400+1000}^{7900}, G05(Y17){3500 , 3400+3000}^{9900}, M13(Y17){3500 , 3400+3000}^{9900}, E14(E15){2000 , 4900+1000}^{7900}, Z11(E15){2000 , 4900+(1000)X2}^{8900}, E19(E18){2500 , 3800+1000}^{7300}, Y15(Y16){4000 , 4000}^{8000}, T13(T12){2000 , 54000+(1000)X2}^{9400}, H13(T12){2000 , 1800+(3000)X3}^{7800}, T10(T11){2500 , 1700+(1000)X2}^{6200}, A13(T11){2500 , 1700+(1000)X3}^{7200}, G11(T11)_{2500 , 1700+(1000)X3}^{7200}}

E = {Y23(Y23){0 , 8400}^{8400}, Y22(Y23){500 , 7400}^{7900}, Y21(Y22){1000 , 4600}^{5600}, Y20(Y21){1500 , 4000}^{5500}, Y19(Y20){2000 , 3000}^{5000}, Y18(Y19){2500 , 2100}^{4600}, Y17(Y18){3000 , 2000}^{5000}, E16(Y22){1000 , 4600+1000}^{6600}, E15(E16){1500 , 3400+1000}^{5900}, E17(E16){1500 , 4100+1000}^{6600}, E18(E17){2000 , 3100+1000}^{6100}, Y16(Y17){3500 , 3400}^{6900}, T12(Y22){1500 , 3400+(1000)X2}^{6900}, T11(T12){2000 , 1800+(1000)X2}^{5800}, T10(T11)_{2500 , 1700+(1000)X2}^{6200}}

F = {Y24(Y23){500 , 11700}^{12200}, H11(Y21){1500 , 4000+3000}^{8500}, M16(Y20){2000 , 3000+3000}^{8000}, C09(Y20){2000 , 3000+3000}^{8000}, G09(Y20){2000 , 3000+3000}^{8000}, I08(Y20){2500 , 2100+3000}^{7600}, C09(Y20){2500 , 2100+3000}^{7600}, H08(Y20){2500 , 2100+3000}^{7600}, Z04(Y17){3500 , 3400+1000}^{7900}, N07(Y17){3500 , 3400+1000}^{7900}, G05(Y17){3500 , 3400+3000}^{9900}, M13(Y17){3500 , 3400+3000}^{9900}, E14(E15){2000 , 4900+1000}^{7900}, Z11(E15){2000 , 4900+(1000)X2}^{8900}, E19(E18){2500 , 3800+1000}^{7300}, Y15(Y16){4000 , 4000}^{8000}, T13(T12){2000 ,

54000+(1000)X2}^{9400}, H13(T12){2000 , 1800+(3000)X3}^{7800}, A13(T11){2500 , 1700+(1000)X3}^{7200}, G11(T11){2500 , 1700+(1000)X3}^{7200}, T9(T10){3000 , 0+(1000)X2}^{5000}, I09(T10){3000 , 0+(1000)X3}^{6000}, C11(T10){3000 , 0+(1000)X3}^{6000}, M18(T10){3000 , 0+(1000)X3}^{6000}, Z08(T10)_{3000 , 0+(1000)X3}^{6000}}

E = {Y23(Y23){0 , 8400}^{8400}, Y22(Y23){500 , 7400}^{7900}, Y21(Y22){1000 , 4600}^{5600}, Y20(Y21){1500 , 4000}^{5500}, Y19(Y20){2000 , 3000}^{5000}, Y18(Y19){2500 , 2100}^{4600}, Y17(Y18){3000 , 2000}^{5000}, E16(Y22){1000 , 4600+1000}^{6600}, E15(E16){1500 , 3400+1000}^{5900}, E17(E16){1500 , 4100+1000}^{6600}, E18(E17){2000 , 3100+1000}^{6100}, Y16(Y17){3500 , 3400}^{6900}, T12(Y22){1500 , 3400+(1000)X2}^{6900}, T11(T12){2000 , 1800+(1000)X2}^{5800}, T10(T11){2500 , 1700+(1000)X2}^{6200}, T9(T10){3000 , 0+(1000)X2}^{5000}}

T9 Pasa el test para Otemachi

F = {Y24(Y23){500 , 11700}^{12200}, H11(Y21){1500 , 4000+3000}^{8500}, M16(Y20){2000 , 3000+3000}^{8000}, C09(Y20){2000 , 3000+3000}^{8000}, G09(Y20){2000 , 3000+3000}^{8000}, I08(Y20){2500 , 2100+3000}^{7600}, C09(Y20){2500 , 2100+3000}^{7600}, H08(Y20){2500 , 2100+3000}^{7600}, Z04(Y17){3500 , 3400+1000}^{7900}, N07(Y17){3500 , 3400+1000}^{7900}, G05(Y17){3500 , 3400+3000}^{9900}, M13(Y17){3500 , 3400+3000}^{9900}, E14(E15){2000 , 4900+1000}^{7900}, Z11(E15){2000 , 4900+(1000)X2}^{8900}, E19(E18){2500 , 3800+1000}^{7300}, Y15(Y16){4000 , 4000}^{8000}, T13(T12){2000 , 54000+(1000)X2}^{9400}, H13(T12){2000 , 1800+(3000)X3}^{7800}, A13(T11){2500 , 1700+(1000)X3}^{7200}, G11(T11){2500 , 1700+(1000)X3}^{7200}, I09(T10){3000 , 0+(1000)X3}^{6000}, C11(T10){3000 , 0+(1000)X3}^{6000}, M18(T10){3000 , 0+(1000)X3}^{6000}, Z08(T10){3000 , 0+(1000)X3}^{6000}}