[20:(available) 36:(near_loc fetch table_1) 38:(handempty fetch) 42:(at plate_1 table_1) 46:(at cup_1 table_1) 50:(at plate_2 table_1) 54:(at cup_2 table_1) 66:(at_tray t table_1)] :: (pick_from_location cup_2 fetch table_1) :: 1
[20:(available) 36:(near_loc fetch table_1) 42:(at plate_1 table_1) 46:(at cup_1 table_1) 50:(at plate_2 table_1) 52:(holding fetch cup_2) 66:(at_tray t table_1)] :: (place_on_tray cup_2 fetch t table_1) :: 1
[20:(available) 36:(near_loc fetch table_1) 38:(handempty fetch) 42:(at plate_1 table_1) 46:(at cup_1 table_1) 50:(at plate_2 table_1) 60:(one) 66:(at_tray t table_1) 72:(on_tray cup_2 t)] :: (pick_from_location plate_2 fetch table_1) :: 1
[20:(available) 36:(near_loc fetch table_1) 42:(at plate_1 table_1) 46:(at cup_1 table_1) 48:(holding fetch plate_2) 60:(one) 66:(at_tray t table_1) 72:(on_tray cup_2 t)] :: (place_on_tray plate_2 fetch t table_1) :: 1
[20:(available) 36:(near_loc fetch table_1) 38:(handempty fetch) 42:(at plate_1 table_1) 46:(at cup_1 table_1) 62:(two) 66:(at_tray t table_1) 70:(on_tray plate_2 t) 72:(on_tray cup_2 t)] :: (pick_tray_from_location t table_1 fetch) :: 1
[20:(available) 36:(near_loc fetch table_1) 42:(at plate_1 table_1) 46:(at cup_1 table_1) 62:(two) 70:(on_tray plate_2 t) 72:(on_tray cup_2 t) 74:(holding_tray fetch t)] :: (move fetch table_1 table_2) :: 1
[28:(near_loc fetch table_2) 34:(m1) 42:(at plate_1 table_1) 46:(at cup_1 table_1) 62:(two) 70:(on_tray plate_2 t) 72:(on_tray cup_2 t) 74:(holding_tray fetch t)] :: (c1) :: 1
[22:(first) 28:(near_loc fetch table_2) 34:(m1) 42:(at plate_1 table_1) 46:(at cup_1 table_1) 62:(two) 70:(on_tray plate_2 t) 72:(on_tray cup_2 t) 74:(holding_tray fetch t)] :: (c2) :: 1
[24:(second) 28:(near_loc fetch table_2) 34:(m1) 42:(at plate_1 table_1) 46:(at cup_1 table_1) 62:(two) 70:(on_tray plate_2 t) 72:(on_tray cup_2 t) 74:(holding_tray fetch t)] :: (c3) :: 1
[26:(third) 28:(near_loc fetch table_2) 34:(m1) 42:(at plate_1 table_1) 46:(at cup_1 table_1) 62:(two) 70:(on_tray plate_2 t) 72:(on_tray cup_2 t) 74:(holding_tray fetch t)] :: (c4) :: 1
[20:(available) 28:(near_loc fetch table_2) 34:(m1) 42:(at plate_1 table_1) 46:(at cup_1 table_1) 62:(two) 70:(on_tray plate_2 t) 72:(on_tray cup_2 t) 74:(holding_tray fetch t)] :: (place_at_location_tray t fetch table_2) :: 1
[20:(available) 28:(near_loc fetch table_2) 34:(m1) 38:(handempty fetch) 42:(at plate_1 table_1) 46:(at cup_1 table_1) 58:(at_tray t table_2) 62:(two) 70:(on_tray plate_2 t) 72:(on_tray cup_2 t)] :: (pick_from_tray cup_2 fetch t table_2) :: 1
[20:(available) 28:(near_loc fetch table_2) 34:(m1) 42:(at plate_1 table_1) 46:(at cup_1 table_1) 52:(holding fetch cup_2) 58:(at_tray t table_2) 60:(one) 70:(on_tray plate_2 t)] :: (place_at_location cup_2 fetch table_2) :: 1
[12:(at cup_2 table_2) 20:(available) 28:(near_loc fetch table_2) 34:(m1) 38:(handempty fetch) 42:(at plate_1 table_1) 46:(at cup_1 table_1) 58:(at_tray t table_2) 60:(one) 70:(on_tray plate_2 t)] :: (pick_from_tray plate_2 fetch t table_2) :: 1
[12:(at cup_2 table_2) 20:(available) 28:(near_loc fetch table_2) 34:(m1) 42:(at plate_1 table_1) 46:(at cup_1 table_1) 48:(holding fetch plate_2) 58:(at_tray t table_2)] :: (place_at_location plate_2 fetch table_2) :: 1
[8:(at plate_2 table_2) 12:(at cup_2 table_2) 20:(available) 28:(near_loc fetch table_2) 34:(m1) 38:(handempty fetch) 42:(at plate_1 table_1) 46:(at cup_1 table_1) 58:(at_tray t table_2)] :: (pick_tray_from_location t table_2 fetch) :: 1
[8:(at plate_2 table_2) 12:(at cup_2 table_2) 20:(available) 28:(near_loc fetch table_2) 34:(m1) 42:(at plate_1 table_1) 46:(at cup_1 table_1) 74:(holding_tray fetch t)] :: (move fetch table_2 table_1) :: 1
[8:(at plate_2 table_2) 12:(at cup_2 table_2) 32:(m2) 34:(m1) 36:(near_loc fetch table_1) 42:(at plate_1 table_1) 46:(at cup_1 table_1) 74:(holding_tray fetch t)] :: (c1) :: 1
[8:(at plate_2 table_2) 12:(at cup_2 table_2) 22:(first) 32:(m2) 34:(m1) 36:(near_loc fetch table_1) 42:(at plate_1 table_1) 46:(at cup_1 table_1) 74:(holding_tray fetch t)] :: (c2) :: 1
[8:(at plate_2 table_2) 12:(at cup_2 table_2) 24:(second) 32:(m2) 34:(m1) 36:(near_loc fetch table_1) 42:(at plate_1 table_1) 46:(at cup_1 table_1) 74:(holding_tray fetch t)] :: (c3) :: 1
[8:(at plate_2 table_2) 12:(at cup_2 table_2) 26:(third) 32:(m2) 34:(m1) 36:(near_loc fetch table_1) 42:(at plate_1 table_1) 46:(at cup_1 table_1) 74:(holding_tray fetch t)] :: (c4) :: 1
[8:(at plate_2 table_2) 12:(at cup_2 table_2) 20:(available) 32:(m2) 34:(m1) 36:(near_loc fetch table_1) 42:(at plate_1 table_1) 46:(at cup_1 table_1) 74:(holding_tray fetch t)] :: (place_at_location_tray t fetch table_1) :: 1
[8:(at plate_2 table_2) 12:(at cup_2 table_2) 20:(available) 32:(m2) 34:(m1) 36:(near_loc fetch table_1) 38:(handempty fetch) 42:(at plate_1 table_1) 46:(at cup_1 table_1) 66:(at_tray t table_1)] :: (pick_from_location cup_1 fetch table_1) :: 1
[8:(at plate_2 table_2) 12:(at cup_2 table_2) 20:(available) 32:(m2) 34:(m1) 36:(near_loc fetch table_1) 42:(at plate_1 table_1) 44:(holding fetch cup_1) 66:(at_tray t table_1)] :: (place_on_tray cup_1 fetch t table_1) :: 1
[8:(at plate_2 table_2) 12:(at cup_2 table_2) 20:(available) 32:(m2) 34:(m1) 36:(near_loc fetch table_1) 38:(handempty fetch) 42:(at plate_1 table_1) 60:(one) 66:(at_tray t table_1) 68:(on_tray cup_1 t)] :: (pick_from_location plate_1 fetch table_1) :: 1
[8:(at plate_2 table_2) 12:(at cup_2 table_2) 20:(available) 32:(m2) 34:(m1) 36:(near_loc fetch table_1) 40:(holding fetch plate_1) 60:(one) 66:(at_tray t table_1) 68:(on_tray cup_1 t)] :: (place_on_tray plate_1 fetch t table_1) :: 1
[8:(at plate_2 table_2) 12:(at cup_2 table_2) 20:(available) 32:(m2) 34:(m1) 36:(near_loc fetch table_1) 38:(handempty fetch) 56:(on_tray plate_1 t) 62:(two) 66:(at_tray t table_1) 68:(on_tray cup_1 t)] :: (pick_tray_from_location t table_1 fetch) :: 1
[8:(at plate_2 table_2) 12:(at cup_2 table_2) 20:(available) 32:(m2) 34:(m1) 36:(near_loc fetch table_1) 56:(on_tray plate_1 t) 62:(two) 68:(on_tray cup_1 t) 74:(holding_tray fetch t)] :: (move fetch table_1 table_2) :: 1
[8:(at plate_2 table_2) 12:(at cup_2 table_2) 28:(near_loc fetch table_2) 30:(m3) 32:(m2) 34:(m1) 56:(on_tray plate_1 t) 62:(two) 68:(on_tray cup_1 t) 74:(holding_tray fetch t)] :: (c1) :: 1
[8:(at plate_2 table_2) 12:(at cup_2 table_2) 22:(first) 28:(near_loc fetch table_2) 30:(m3) 32:(m2) 34:(m1) 56:(on_tray plate_1 t) 62:(two) 68:(on_tray cup_1 t) 74:(holding_tray fetch t)] :: (c2) :: 1
[8:(at plate_2 table_2) 12:(at cup_2 table_2) 24:(second) 28:(near_loc fetch table_2) 30:(m3) 32:(m2) 34:(m1) 56:(on_tray plate_1 t) 62:(two) 68:(on_tray cup_1 t) 74:(holding_tray fetch t)] :: (c3) :: 1
[8:(at plate_2 table_2) 12:(at cup_2 table_2) 26:(third) 28:(near_loc fetch table_2) 30:(m3) 32:(m2) 34:(m1) 56:(on_tray plate_1 t) 62:(two) 68:(on_tray cup_1 t) 74:(holding_tray fetch t)] :: (c4) :: 1
[8:(at plate_2 table_2) 12:(at cup_2 table_2) 20:(available) 28:(near_loc fetch table_2) 30:(m3) 32:(m2) 34:(m1) 56:(on_tray plate_1 t) 62:(two) 68:(on_tray cup_1 t) 74:(holding_tray fetch t)] :: (place_at_location_tray t fetch table_2) :: 1
[8:(at plate_2 table_2) 12:(at cup_2 table_2) 20:(available) 28:(near_loc fetch table_2) 30:(m3) 32:(m2) 34:(m1) 38:(handempty fetch) 56:(on_tray plate_1 t) 58:(at_tray t table_2) 62:(two) 68:(on_tray cup_1 t)] :: (pick_from_tray cup_1 fetch t table_2) :: 1
[8:(at plate_2 table_2) 12:(at cup_2 table_2) 20:(available) 28:(near_loc fetch table_2) 30:(m3) 32:(m2) 34:(m1) 44:(holding fetch cup_1) 56:(on_tray plate_1 t) 58:(at_tray t table_2) 60:(one)] :: (place_at_location cup_1 fetch table_2) :: 1
[4:(at cup_1 table_2) 8:(at plate_2 table_2) 12:(at cup_2 table_2) 20:(available) 28:(near_loc fetch table_2) 30:(m3) 32:(m2) 34:(m1) 38:(handempty fetch) 56:(on_tray plate_1 t) 58:(at_tray t table_2) 60:(one)] :: (pick_from_tray plate_1 fetch t table_2) :: 1
[4:(at cup_1 table_2) 8:(at plate_2 table_2) 12:(at cup_2 table_2) 20:(available) 28:(near_loc fetch table_2) 30:(m3) 32:(m2) 34:(m1) 40:(holding fetch plate_1) 58:(at_tray t table_2)] :: (place_at_location plate_1 fetch table_2) :: 1
[0:(at plate_1 table_2) 4:(at cup_1 table_2) 8:(at plate_2 table_2) 12:(at cup_2 table_2) 20:(available) 28:(near_loc fetch table_2) 30:(m3) 32:(m2) 34:(m1) 38:(handempty fetch) 58:(at_tray t table_2)] :: (done) :: 1
[0:(at plate_1 table_2) 4:(at cup_1 table_2) 8:(at plate_2 table_2) 12:(at cup_2 table_2) 16:(terminated) 20:(available) 28:(near_loc fetch table_2) 30:(m3) 32:(m2) 34:(m1) 38:(handempty fetch) 58:(at_tray t table_2)] :: STOP :: 1