\*\*\*\*\* 40 25 \*\*\*

battery\_charged [5.532859827872565, 5.436824125281921, 3.35909958567772, 0, 5.1841768502067485, 4.212055271783248, 3.2906490472799987, 4.650567403675777, 0, 4.172203251759133]

\*\*\*\*\* 80 25 \*\*\*

battery\_charged [7.319418939010711, 7.144331132346131, 4.530190994113296, 0, 6.968292287852198, 5.567484246236257, 4.483594104952284, 6.2162101956943845, 0, 5.606714220934563, 7.211379177631868, 5.421466801107709, 4.184916924567482, 5.486593582789963, 4.312618127283426, 7.502791073330829, 6.203316491527229, 6.969177179637427, 7.078250518713938, 6.711755700648827]

\*\*\*\*\* 120 25 \*\*\*

battery\_charged [7.724072041609548, 7.538817742024818, 4.859123375895382, 0.12593662805536382, 7.35409491506076, 5.8968519865374756, 4.788360987961285, 6.5961465435588655, 0.10708001718219387, 5.966930918520309, 7.610431446716898, 5.772364573000078, 4.49553689595766, 5.83829773469101, 4.6448077638382115, 7.791866353861966, 6.568610152173227, 7.355269899509577, 7.46843099959845, 7.10064193016047, 1.825136292530037, 0, 0.4515770196550079, 7.156306399863802, 7.805629054301172, 7.7009049141030586, 5.72661408275074, 2.7533643533587098, 6.36385358443302, 0.5155770856798533]

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battery\_charged [8.126924095367709, 7.97860263948723, 5.20012861518717, 0.36618677934228017, 7.687231719140547, 6.257567105756137, 5.118166979669039, 7.014215251165716, 0.2521691177395787, 6.356070711426377, 8.053873525411154, 6.153348158529469, 4.816786629067245, 6.2205251495903955, 4.990450870905445, 8.1372364303645, 6.969868192423636, 7.783646498735128, 7.9031848472458295, 7.525997551257882, 2.0593791425028702, 0, 0.610537712592986, 7.577815438894141, 8.151609136177814, 8.147627031573869, 6.078182654474726, 3.0127347728596794, 6.765075020835409, 0.6736369093478628, 7.495516377936817, 6.280768860715442, 5.051590125842552, 7.236160912381398, 2.7794468311097535, 6.129815329538834, 6.870231603940347, 6.229949814948269, 6.618458999316261, 8.134019055855898]

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battery\_charged [7.377715454902958, 7.201115067762804, 4.632456953524104, 0.10205754205222484, 6.976044306834261, 5.6281896928605875, 4.5577959443964335, 6.291360776677885, 0.07061058461749826, 5.686170514702873, 7.268472592020138, 5.4983390937243986, 4.286041321413561, 5.563107610508243, 4.422726969702317, 7.398661192162873, 6.269529635226937, 7.024228472966293, 7.132272481947224, 6.7753362001560555, 1.7065556151002244, 0, 0.4008269774869999, 6.8315307811075705, 7.411729399046738, 7.3541014393828785, 5.466499884327049, 2.627284061369667, 6.0672716295300235, 0.4602100558225042, 6.748816312374983, 5.640962974129471, 4.500506423390094, 6.515133751107951, 2.36584230799214, 5.517875070992423, 6.165837891023379, 5.592615817304491, 5.956851416041916, 7.341164747713157, 7.196653646348451, 3.6487884238001365, 4.3984990770269, 4.3873321981257885, 4.8265966841712995, 7.137347667700335, 4.100761567296433, 0, 6.220997821656056, 6.149006238544141]

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battery\_charged [16.06770996144809, 16.12289572855587, 11.765747311427734, 6.733788241386941, 15.424480621793519, 14.43890195622144, 13.645628935577502, 14.820637789533448, 5.371755250869114, 13.90229306649036, 16.079509254775935, 14.155212947120987, 11.796430440002059, 14.293594781683648, 12.573975867548135, 16.080312707994082, 14.845563275713323, 16.12209227533772, 16.120485368901434, 15.408484850533483]

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battery\_charged [15.69319341385796, 15.74725766759557, 11.527645443928584, 6.506667120560966, 15.094483400686812, 14.101768103855223, 13.360139951628522, 14.46093771670223, 5.226089824051286, 13.556992301167826, 15.704882030278075, 13.86593185399477, 11.550185302507114, 13.969127970152817, 12.299109669320844, 15.70566676430247, 14.55660869314701, 15.746472933571166, 15.744903465522372, 15.07965470309462, 7.1412330453997, 5.926156873706538, 5.871564886342545, 15.486610938414188, 15.70566676430247, 15.70566676430247, 14.130039028036258, 9.97097033745149, 14.435973232674968, 5.856906092316161, 15.121603268783963, 14.887073980215124, 12.333777545097673, 15.091356446251634, 9.609541066574149, 13.536570793798814, 14.577398812075296, 14.887378662366796, 14.666455265806286, 15.748042401619962]

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battery\_charged [16.38573894013507, 16.441888116399745, 12.057750454364871, 7.008863864779015, 15.773205341387923, 14.739087641445423, 13.977069302542091, 15.133068965973221, 5.536347118789521, 14.193438590992605, 16.397643238825346, 14.49282346017933, 12.08930739423879, 14.626808300291206, 12.8943183885164, 16.398462588410055, 15.183901263956598, 16.441068766815036, 16.439430067645617, 15.757665797677477, 7.564404148572533, 6.59814186805995, 6.203326861492805, 16.175955622672397, 16.398462588410055, 16.398462588410055, 14.763483536034537, 10.476743714383204, 15.10757849835683, 6.187149899465959, 15.8015994565227, 15.567158656899919, 12.89626596905997, 15.770340117924553, 10.143564458622018, 14.111648637730395, 15.250325177220255, 15.567561451425439, 15.297109101927182, 16.442707465984462, 16.437791368476194, 12.926193463340267, 13.448843130221583, 12.163787673688102, 13.348800138793782, 16.4242483706165, 12.99140868232353, 3.5705177200390055, 15.052648626457817, 15.096396103955053, 16.443526815569168, 16.38491959055036, 12.981390760230658, 7.288193476666336, 15.184477261035955, 12.12781294373265, 15.401789453379413, 16.399281937994765, 12.96205348512787, 15.39446995281474]

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battery\_charged [16.474823097456273, 16.531229799673785, 12.147846522395456, 7.103135826740605, 15.861372173289366, 14.822498936053, 14.073969991951522, 15.220813018921499, 5.62921294936107, 14.276815551636938, 16.486744504951986, 14.591228438017218, 12.17974347073636, 14.71271439498779, 12.991951910733656, 16.487568306706095, 15.28152461117484, 16.53040599791968, 16.52875839441147, 15.845784349989518, 7.650609692243049, 6.884258853344006, 6.300275366195372, 16.264834203789523, 16.487568306706095, 16.487568306706095, 14.852786778329525, 10.571510549394596, 15.195309524237825, 6.282799844776186, 15.889935590618917, 15.655121691137413, 12.988142751002226, 15.858683911075884, 10.240445703410746, 14.201835935066777, 15.338503621025463, 15.655563914835563, 15.395369970210242, 16.532053601427897, 16.527110790903254, 13.01564272140994, 13.564617691342487, 12.254572571216096, 13.441801755208825, 16.513541779899317, 13.086999592254024, 3.634520080794199, 15.14024875401705, 15.184100341578675, 16.532877403182, 16.47399929570216, 13.077070193265842, 7.373395607174773, 15.282129968646807, 12.218593903530593, 15.500701131090734, 16.488392108460204, 13.08226931073934, 15.493429758252168, 12.192510439296587, 14.780030555118888, 16.487568306706095, 16.516401368099856, 14.894431921334418, 16.271578900144647, 10.340559539477614, 12.210261350206835, 13.339210260029649, 14.6938751947744, 13.452364085186119, 16.51475376459164, 14.269661279449338, 14.151403556082059, 14.000788071141105, 14.868829734935346, 13.898328841718467, 13.712090710609846, 9.50218156387078, 5.826006130557652]

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battery\_charged [16.62218741642131, 16.679052975262266, 12.24618661287401, 7.197136283210731, 16.004471678732735, 14.956175922707638, 14.196996926757913, 15.361950895089006, 5.754332273098122, 14.408679616915864, 16.634169890562806, 14.717361095639406, 12.278449727169955, 14.850878325628988, 13.108027031072842, 16.63500105879798, 15.40873056595967, 16.678221807027086, 16.67655947055674, 15.988710229513611, 7.710904739685451, 7.12622335949863, 6.431585789471638, 16.411235027786596, 16.63500105879798, 16.63500105879798, 14.98296973753434, 10.659110662857175, 15.336193438622225, 6.411052282631647, 16.033307514861004, 15.799023868096224, 13.096143586059453, 16.001639049336955, 10.335436835436278, 14.31854974261569, 15.480404150667994, 15.79947718707242, 15.52240573653289, 16.679884143497443, 16.674897134086393, 13.143450016132515, 13.67961539162335, 12.354502195181094, 13.561095543020446, 16.661252323474542, 13.199106913520056, 3.659287056200099, 15.280868622798414, 15.324752406132294, 16.680715311732616, 16.62135624818613, 13.189314400061507, 7.429273764420031, 15.40930169961697, 12.318587789626458, 15.628677924633616, 16.63583222703315, 13.192869340701325, 15.621276166799634, 12.303309413843621, 14.91368404677469, 16.63500105879798, 16.66409194702911, 15.02905161682216, 16.417986423660953, 10.426166190906917, 12.309892819241666, 13.458362685031235, 14.831822828784658, 13.573615490324737, 16.662429610558764, 14.389436750362185, 14.27021190992045, 14.131614483596799, 15.00319216584015, 14.020635076834608, 13.837256969308338, 9.580928350365669, 5.99153071262624, 14.001479907768447, 15.594561295846654, 16.66409194702911, 3.467072386399728, 15.463105814303013, 15.409058393181743, 16.66540816465042, 16.372700577817355, 14.898490906055082, 15.686811679605926, 9.266222088413576, 15.068233869559837, 16.409800393758275, 11.735832103579966, 16.661252323474542, 10.464233932014421, 13.88997541271323, 12.188400497281366, 10.636364794485035, 16.67406596585122]

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battery\_charged [18.283779654538908, 18.34569070329529, 13.673738280828648, 8.419737367984725, 17.63139260484908, 16.486328623387905, 15.779255064900502, 16.966181971361525, 8.147724093939678, 15.936820805112315, 18.29632272113663, 16.337980847431, 13.64796949767053, 16.420439262801473, 14.647893465606339, 18.297236943028455, 17.105586865101202, 18.344776481403464, 18.34294803761981, 17.613845844046075, 8.918993066812812, 9.6534576448353, 8.965763193490206, 18.064241734371937, 18.297236943028455, 18.297236943028455, 16.520936631321643, 12.05213029734745, 16.93926589444017, 9.088070651084509]

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battery\_charged [18.6761045983145, 18.739143734645364, 14.009685582482058, 8.802822231607426, 18.018891151679313, 16.85266479121336, 16.15834111907202, 17.354895400168058, 8.622840779665275, 16.30532433850528, 18.688716976202596, 16.717447332637573, 13.983952804641746, 16.801005391694165, 15.027181771593277, 18.68965080506265, 17.484092543998813, 18.73820990578531, 18.736342248065206, 18.001130634049407, 9.262827616536114, 10.055224391988768, 9.465474415012674, 18.45577457531919, 18.68965080506265, 18.68965080506265, 16.888357030092113, 12.435740436518662, 17.32780422720597, 9.593284819071426, 18.051448282382584, 17.814987972677223, 15.027715763696957, 18.01716074685866, 12.056040592219148, 16.267044201290666, 17.47645537872946, 17.815742522680683, 17.638162991244002, 18.740077563505412, 18.73447459034511, 15.005425537825358, 15.840976782146447, 14.091635542473753, 15.55988209295598, 18.719994554736903, 15.028427785917001, 4.664542576916749, 17.267682051611352, 17.31483168450656, 18.741011392365465, 18.675170769454457, 15.055191933691338, 8.945483766883104, 17.485214455210702, 14.063835983786523, 17.7587704748658, 18.690584633922708, 15.059869957799691, 17.751621594862126]

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battery\_charged [18.664830476495933, 18.727847667228563, 13.996015801106974, 8.782272334706583, 18.006919329846635, 16.84124235669253, 16.145096295534405, 17.34209119170721, 8.69640587246908, 16.29294309994216, 18.677451306336035, 16.705124190205975, 13.9702566258654, 16.788603958961243, 15.012037872161615, 18.67838457227849, 17.472861350288508, 18.726914401286102, 18.725047869401198, 17.98914848904338, 9.26693160644783, 10.061589503580404, 9.54108878845846, 18.444323450995274, 18.67838457227849, 18.67838457227849, 16.87689303541351, 12.443739541983975, 17.31492417489335, 9.669100220342651, 18.039430657526406, 17.803037107380646, 15.040896987946184, 18.005059093247407, 12.036158543158644, 16.28287213170788, 17.46424369969432, 17.803767405068918, 17.652188261555384, 18.728780933171013, 18.723181337516287, 14.990776127547438, 15.869760220712294, 14.077939437802078, 15.573642690485068, 18.708693975791284, 15.014619445957262, 4.647075397619254, 17.254854433334362, 17.30190235577131, 18.729714199113467, 18.663897210553483, 15.041329281118898, 8.9493265884324, 17.47396476531034, 14.050173000926419, 17.772878555995362, 18.679317838220943, 15.045749984259837, 17.76571248921002, 13.986086427296103, 16.7976605803806, 18.67838457227849, 18.711048880264382, 16.92608952319025, 18.451265079270318, 12.19272787427023, 14.002971898822183, 15.471226808503182, 16.765941174176916, 15.487137752684989, 18.709182348379475, 16.454311029318784, 16.324769458207353, 15.98004189348056, 16.89483362759203, 15.979903806655964, 15.936938479916316, 11.132986029210834, 10.050358482089992, 15.93955684065826, 17.584588271870047, 18.711048880264382, 4.423385089047804, 17.514231911942073, 17.4863012596961, 18.713360305503556, 18.400682373818608, 16.780184681135626, 17.682317537829107]

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battery\_charged [18.582879510541364, 18.645644621617162, 13.932274909304429, 8.723971573562457, 17.926975517376395, 16.766447248448895, 16.069630530450752, 17.263188573572666, 8.588460581290763, 16.218625611585978, 18.595469467903737, 16.6281328770141, 13.906596641731582, 16.711431578179603, 14.939992699532151, 18.59639863741694, 17.395131160185244, 18.644715452103945, 18.642857113077525, 17.90929943305988, 9.219393613485904, 10.003306963269246, 9.427256648998528, 18.362852833172152, 18.59639863741694, 18.59639863741694, 16.80188919122266, 12.384433824988943, 17.23611574246252, 9.553870155871051, 17.959338444028244, 17.722861550954413, 14.97210665728208, 17.925133341172504, 11.973813807310263, 16.211016807309687, 17.385192271409142, 17.72358711380109, 17.574118647772494, 18.646573791130365, 18.640998774051095, 14.918638376618004, 15.772862095292059, 14.013584796079856, 15.500266120712778, 18.626550477662313, 14.944551349382046, 4.619537792666556, 17.17623632036543, 17.22318687612032, 18.647502960643575, 18.58195034102815, 14.971080313999071, 8.903807096413418, 17.396247085098974, 13.985825087672291, 17.69426022066944, 18.597327806930153, 14.97535432556564, 17.68711956753125, 13.922047602606987, 16.72290991201862, 18.59639863741694, 18.62891957037935, 16.85080546753842, 18.3697875945789, 12.134292371041868, 13.938880014190337, 15.397893101692917, 16.688917881856675, 15.413455384784958, 18.627061231352926, 16.379756997805575, 16.25069504563051, 15.906876561719457, 16.81971383427359, 15.904735855352419, 15.860016322264409, 11.079172301402238, 9.92247671107044, 15.864581988753159, 17.505086513205896, 18.62891957037935, 4.396809772948162, 17.436397996509235, 17.408546266391927, 18.631196325228363, 18.319424165752583, 16.705487270149597, 17.602596403652296, 10.97680429524579, 16.892908842826802, 18.360547840226598, 13.632213779557055, 18.626550477662313, 12.17598053419707, 15.879099759533887, 13.837734238587421, 12.297267678131028, 18.64006960453789, 11.908860326768934, 5.481246320300643, 17.42276171285215, 15.811352823318101, 18.623344553300083, 16.279399408384357, 17.583247277515255, 14.572179621702313, 18.624273722813296, 11.596034342749027, 18.642857113077525, 11.960702605275978, 14.792364461714891, 18.64192794356431, 10.358803650875675, 18.61632961301698, 18.59639863741694, 16.726356053810292, 16.703154639181232, 18.64006960453789]

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