- step 178 (to lid) / lid 8 in = pot 5 out
- step 178 (to lid) / lid 8 in = pot 5 out
- right 10 head 151 tail 43 / cut 20 5/8 inches
- step 178 (to lid) / lid 8 in = pot 5 out
- step 145 (to aby) / aby 8 in = tic 4 out
- step 145 (to aby) / aby 8 in = tic 4 out
- right 6 head 139 tail 46 / cut 20 5/8 inches
- step 145 (to aby) / aby 8 in = tic 4 out
- step 276 (to cup) / cup 7 in = pub 4 out
- step 276 (to cup) / cup 7 in = pub 4 out
- right 6 head 140 tail 45 / cut 20 3/4 inches
- step 276 (to cup) / cup 7 in = pub 4 out

- step 212 (to lip) / lip 8 in = dig 5 out
- step 212 (to lip) / lip 8 in = dig 5 out
- right 17 head 142 tail 48 / cut 21 inches
- step 212 (to lip) / lip 8 in = dig 5 out
- step 290 (to dab) / dab 8 in = pub 5 out
- step 290 (to dab) / dab 8 in = pub 5 out
- left 6 head 138 tail 46 / cut 21 inches
- step 290 (to dab) / dab 8 in = pub 5 out
- step 314 (to gut) / gut 9 in = ant 7 out
- step 314 (to gut) / gut 9 in = ant 7 out
- right 17 head 135 tail 58 / cut 21 1/8 inches
- step 314 (to gut) / gut 9 in = ant 7 out

- step 19 (to git) / git 10 in = dib 6 out
- step 19 (to git) / git 10 in = dib 6 out
- right 17 head 135 tail 58 / cut 21 1/8 inches
- step 19 (to git) / git 10 in = dib 6 out
- step 193 (to get) / get 7 in = den 5 out
- step 193 (to get) / get 7 in = den 5 out
- right 16 head 141 tail 48 / cut 21 3/8 inches
- step 193 (to get) / get 7 in = den 5 out
- step 137 (to pie) / pie 10 in = hat 7 out
- step 137 (to pie) / pie 10 in = hat 7 out
- right 13 head 135 tail 62 / cut 21 3/8 inches
- step 137 (to pie) / pie 10 in = hat 7 out

- step 194 (to get) / get 8 in = mad 5 out
- step 194 (to get) / get 8 in = mad 5 out
- right 15 head 142 tail 50 / cut 21 1/2 inches
- step 194 (to get) / get 8 in = mad 5 out
- step 385 (to pod) / pod 9 in = din 7 out
- step 385 (to pod) / pod 9 in = din 7 out
- right 13 head 135 tail 62 / cut 21 1/2 inches
- step 385 (to pod) / pod 9 in = din 7 out
- step 326 (to lop) / lop 9 in = hay 10 out
- step 326 (to lop) / lop 9 in = hay 10 out
- left 6 head 142 tail 34 / cut 21 1/2 inches
- step 326 (to lop) / lop 9 in = hay 10 out

- step 31 (to gig) / gig 9 in = mac 10 out
- step 31 (to gig) / gig 9 in = mac 10 out
- left 6 head 142 tail 34 / cut 21 1/2 inches
- step 31 (to gig) / gig 9 in = mac 10 out
- step 229 (to loo) / loo 7 in = hem 5 out
- step 229 (to loo) / loo 7 in = hem 5 out
- right 15 head 142 tail 49 / cut 21 1/2 inches
- step 229 (to loo) / loo 7 in = hem 5 out
- step 349 (to lye) / lye 9 in = pun 7 out
- step 349 (to lye) / lye 9 in = pun 7 out
- right 18 head 136 tail 60 / cut 21 5/8 inches
- step 349 (to lye) / lye 9 in = pun 7 out

Row 1

- step 354 (to day) — day 6 in = her 6 out
- step 354 (to day) — day 6 in = her 6 out
- left 1 head 137 tail 43 cut 21 3/4 inches
- step 354 (to day) — day 6 in = her 6 out

- step 105 (to cub) — cub 6 in = man 6 out
- step 105 (to cub) — cub 6 in = man 6 out
- left 1 head 137 tail 43 cut 21 3/4 inches
- step 105 (to cub) — cub 6 in = man 6 out

- step 121 (to cot) — cot 9 in = air 7 out
- step 121 (to cot) — cot 9 in = air 7 out
- left 16 head 133 tail 58 cut 21 3/4 inches
- step 121 (to cot) — cot 9 in = air 7 out

Row 2

- step 378 (to lug) — lug 10 in = her 7 out
- step 378 (to lug) — lug 10 in = her 7 out
- left 11 head 134 tail 61 cut 21 7/8 inches
- step 378 (to lug) — lug 10 in = her 7 out

- step 342 (to dad) — dad 10 in = mat 7 out
- step 342 (to dad) — dad 10 in = mat 7 out
- left 16 head 134 tail 60 cut 21 7/8 inches
- step 342 (to dad) — dad 10 in = mat 7 out

- step 177 (to lid) — lid 7 in = had 5 out
- step 177 (to lid) — lid 7 in = had 5 out
- right 16 head 139 tail 48 cut 22 inches
- step 177 (to lid) — lid 7 in = had 5 out

Row 3

- step 136 (to pie) — pie 9 in = tie 6 out
- step 136 (to pie) — pie 9 in = tie 6 out
- right 10 head 129 tail 62 cut 22 inches
- step 136 (to pie) — pie 9 in = tie 6 out

- step 386 (to pod) — pod 10 in = pug 5 out
- step 386 (to pod) — pod 10 in = pug 5 out
- right 10 head 129 tail 62 cut 22 inches
- step 386 (to pod) — pod 10 in = pug 5 out

- step 420 (to tee) — tee 4 in = pug 6 out
- step 420 (to tee) — tee 4 in = pug 6 out
- left 3 head 132 tail 49 cut 22 1/8 inches
- step 420 (to tee) — tee 4 in = pug 6 out

Row 4

- step 350 (to lye) — lye 10 in = any 7 out
- step 350 (to lye) — lye 10 in = any 7 out
- right 16 head 133 tail 62 cut 22 1/8 inches
- step 350 (to lye) — lye 10 in = any 7 out

- step 405 (to gym) — gym 6 in = any 6 out
- step 405 (to gym) — gym 6 in = any 6 out
- right 0 head 135 tail 44 cut 22 1/8 inches
- step 405 (to gym) — gym 6 in = any 6 out

- step 223 (to pix) — pix 5 in = hem 4 out
- step 223 (to pix) — pix 5 in = hem 4 out
- right 8 head 142 tail 34 cut 22 1/8 inches
- step 223 (to pix) — pix 5 in = hem 4 out

Row 5

- step 65 (to tan) — tan 4 in = tie 5 out
- step 65 (to tan) — tan 4 in = tie 5 out
- left 3 head 132 tail 48 cut 22 1/8 inches
- step 65 (to tan) — tan 4 in = tie 5 out

- step 333 (to aim) — aim 6 in = pun 6 out
- step 333 (to aim) — aim 6 in = pun 6 out
- right 3 head 136 tail 42 cut 22 1/8 inches
- step 333 (to aim) — aim 6 in = pun 6 out

- step 169 (to sup) — sup 10 in = tic 6 out
- step 169 (to sup) — sup 10 in = tic 6 out
- right 1 head 133 tail 47 cut 22 3/8 inches
- step 169 (to sup) — sup 10 in = tic 6 out

- step 264 (to aft) — aft 10 in = pub 6 out
- Aerial Arch Geoform www.digitalpermaculture.com
- step 264 (to aft) — aft 10 in = pub 6 out
- right 1 head 133 tail 47 cut 22 3/8 inches
- step 264 (to aft) — aft 10 in = pub 6 out
- step 110 (to gin) — gin 6 in = pow 6 out
- Aerial Arch Geoform www.digitalpermaculture.com
- step 110 (to gin) — gin 6 in = pow 6 out
- left 2 head 135 tail 43 cut 22 1/2 inches
- step 110 (to gin) — gin 6 in = pow 6 out
- step 319 (to lot) — lot 6 in = mat 6 out
- Aerial Arch Geoform www.digitalpermaculture.com
- step 319 (to lot) — lot 6 in = mat 6 out
- left 2 head 135 tail 43 cut 22 1/2 inches
- step 319 (to lot) — lot 6 in = mat 6 out

- step 419 (to guy) — guy 4 in = hen 5 out
- Aerial Arch Geoform www.digitalpermaculture.com
- step 419 (to guy) — guy 4 in = hen 5 out
- right 3 head 130 tail 50 cut 22 5/8 inches
- step 419 (to guy) — guy 4 in = hen 5 out
- step 377 (to lug) — lug 9 in = hen 6 out
- Aerial Arch Geoform www.digitalpermaculture.com
- step 377 (to lug) — lug 9 in = hen 6 out
- left 7 head 127 tail 62 cut 22 5/8 inches
- step 377 (to lug) — lug 9 in = hen 6 out
- step 315 (to gut) — gut 10 in = maw 7 out
- Aerial Arch Geoform www.digitalpermaculture.com
- step 315 (to gut) — gut 10 in = maw 7 out
- right 19 head 132 tail 62 cut 22 5/8 inches
- step 315 (to gut) — gut 10 in = maw 7 out

- step 159 (to lob) — lob 10 in = mag 5 out
- Aerial Arch Geoform www.digitalpermaculture.com
- step 159 (to lob) — lob 10 in = mag 5 out
- left 7 head 127 tail 62 cut 22 5/8 inches
- step 159 (to lob) — lob 10 in = mag 5 out
- step 369 (to poi) — poi 6 in = maw 6 out
- Aerial Arch Geoform www.digitalpermaculture.com
- step 369 (to poi) — poi 6 in = maw 6 out
- right 1 head 134 tail 45 cut 22 3/4 inches
- step 369 (to poi) — poi 6 in = maw 6 out
- step 292 (to dab) — dab 10 in = hay 8 out
- Aerial Arch Geoform www.digitalpermaculture.com
- step 292 (to dab) — dab 10 in = hay 8 out
- right 8 head 132 tail 59 cut 22 3/4 inches
- step 292 (to dab) — dab 10 in = hay 8 out

- step 18 (to git) — git 9 in = pro 6 out
- Aerial Arch Geoform www.digitalpermaculture.com
- step 18 (to git) — git 9 in = pro 6 out
- right 19 head 133 tail 61 cut 22 3/4 inches
- step 18 (to git) — git 9 in = pro 6 out
- step 92 (to coy) — coy 9 in = mac 8 out
- Aerial Arch Geoform www.digitalpermaculture.com
- step 92 (to coy) — coy 9 in = mac 8 out
- right 8 head 133 tail 59 cut 22 7/8 inches
- step 92 (to coy) — coy 9 in = mac 8 out
- step 237 (to got) — got 5 in = amp 4 out
- Aerial Arch Geoform www.digitalpermaculture.com
- step 237 (to got) — got 5 in = amp 4 out
- right 7 head 138 tail 37 cut 22 7/8 inches
- step 237 (to got) — got 5 in = amp 4 out

- step 7 (to add) — add 6 in = dib 7 out
- Aerial Arch Geoform www.digitalpermaculture.com
- step 7 (to add) — add 6 in = dib 7 out
- right 3 head 132 tail 43 cut 22 7/8 inches
- step 7 (to add) — add 6 in = dib 7 out
- step 51 (to ado) — ado 6 in = all 7 out
- Aerial Arch Geoform www.digitalpermaculture.com
- step 51 (to ado) — ado 6 in = all 7 out
- left 1 head 133 tail 47 cut 22 7/8 inches
- step 51 (to ado) — ado 6 in = all 7 out
- step 298 (to aid) — aid 6 in = ant 6 out
- Aerial Arch Geoform www.digitalpermaculture.com
- step 298 (to aid) — aid 6 in = ant 6 out
- right 3 head 133 tail 43 cut 23 inches
- step 298 (to aid) — aid 6 in = ant 6 out

Row 1
- step 401 (to ail) — ail 6 in = toe 6 out
- step 401 (to ail) — ail 6 in = toe 6 out
- left 1 head 133 tail 46 cut 23 inches
- step 401 (to ail) — ail 6 in = toe 6 out
- step 341 (to dad) — dad 9 in = toe 7 out
- step 341 (to dad) — dad 9 in = toe 7 out
- left 15 head 131 tail 62 cut 23 inches
- step 341 (to dad) — dad 9 in = toe 7 out
- step 72 (to lit) — lit 6 in = ale 6 out
- step 72 (to lit) — lit 6 in = ale 6 out
- right 5 head 137 tail 48 cut 23 inches
- step 72 (to lit) — lit 6 in = ale 6 out

Row 2
- step 416 (to low) — low 5 in = tip 6 out
- step 416 (to low) — low 5 in = tip 6 out
- right 6 head 137 tail 48 cut 23 1/8 inches
- step 416 (to low) — low 5 in = tip 6 out
- step 111 (to cow) — cow 2 in = aby 1 in
- step 111 (to cow) — cow 2 in = aby 1 in
- right 0 head 108 tail 96 cut 23 1/4 inches
- step 111 (to cow) — cow 2 in = aby 1 in
- step 390 (to age) — age 6 in = pry 5 out
- step 390 (to age) — age 6 in = pry 5 out
- left 4 head 136 tail 49 cut 23 1/4 inches
- step 390 (to age) — age 6 in = pry 5 out

Row 3
- step 286 (to dab) — dab 1 in = aid 2 in
- step 286 (to dab) — dab 1 in = aid 2 in
- left 4 head 90 tail 90 cut 23 1/4 inches
- step 286 (to dab) — dab 1 in = aid 2 in
- step 101 (to cub) — cub 2 in = cry 1 in
- step 101 (to cub) — cub 2 in = cry 1 in
- right 8 head 111 tail 90 cut 23 3/8 inches
- step 101 (to cub) — cub 2 in = cry 1 in
- step 4 (to add) — add 1 in = coy 2 in
- step 4 (to add) — add 1 in = coy 2 in
- left 4 head 109 tail 90 cut 23 3/8 inches
- step 4 (to add) — add 1 in = coy 2 in

Row 4
- step 272 (to cup) — cup 1 in = dab 2 in
- step 272 (to cup) — cup 1 in = dab 2 in
- left 1 head 100 tail 101 cut 23 3/8 inches
- step 272 (to cup) — cup 1 in = dab 2 in
- step 336 (to dad) — dad 2 in = day 1 in
- step 336 (to dad) — dad 2 in = day 1 in
- right 8 head 90 tail 90 cut 23 3/8 inches
- step 336 (to dad) — dad 2 in = day 1 in
- step 41 (to lie) — lie 6 in = pop 6 out
- step 41 (to lie) — lie 6 in = pop 6 out
- right 0 head 132 tail 48 cut 23 3/8 inches
- step 41 (to lie) — lie 6 in = pop 6 out

Row 5
- step 308 (to gut) — gut 1 in = aim 2 in
- step 308 (to gut) — gut 1 in = aim 2 in
- left 12 head 90 tail 90 cut 23 3/8 inches
- step 308 (to gut) — gut 1 in = aim 2 in
- step 122 (to cot) — cot 10 in = pop 7 out
- step 122 (to cot) — cot 10 in = pop 7 out
- left 17 head 130 tail 61 cut 23 3/8 inches
- step 122 (to cot) — cot 10 in = pop 7 out
- step 3 (CC triagle) — git 2 in = ads 1 in
- step 3 (CC triagle) — git 2 in = ads 1 in
- left 12 head 90 tail 90 cut 23 3/8 inches
- step 3 (CC triagle) — git 2 in = ads 1 in

Row 1

- step 12 (to git) — git 1 in = gig 2 in
-
- step 12 (to git) — git 1 in = gig 2 in
- left 10 head 67 tail 115 — cut 23 3/8 inches
- step 12 (to git) — git 1 in = gig 2 in
- step 279 (to cup) — cup 10 in = and 7 out
-
- step 279 (to cup) — cup 10 in = and 7 out
- left 9 head 128 tail 57 — cut 23 3/8 inches
- step 279 (to cup) — cup 10 in = and 7 out
- step 306 (to gum) — gum 9 in = map 7 out
-
- step 306 (to gum) — gum 9 in = map 7 out
- left 17 head 130 tail 61 — cut 23 3/8 inches
- step 306 (to gum) — gum 9 in = map 7 out

Row 2

- step 97 (to tab) — tab 2 in = lob 1 in
-
- step 97 (to tab) — tab 2 in = lob 1 in
- right 2 head 109 tail 82 — cut 23 1/2 inches
- step 97 (to tab) — tab 2 in = lob 1 in
- step 309 (to gut) — gut 2 in = lop 1 in
-
- step 309 (to gut) — gut 2 in = lop 1 in
- left 10 head 67 tail 115 — cut 23 1/2 inches
- step 309 (to gut) — gut 2 in = lop 1 in
- step 372 (to lug) — lug 2 in = age 1 in
-
- step 372 (to lug) — lug 2 in = age 1 in
- right 2 head 90 tail 90 — cut 23 1/2 inches
- step 372 (to lug) — lug 2 in = age 1 in

Row 3

- step 413 (to tat) — tat 6 in = pry 6 out
-
- step 413 (to tat) — tat 6 in = pry 6 out
- left 4 head 135 tail 49 — cut 23 1/2 inches
- step 413 (to tat) — tat 6 in = pry 6 out
- step 277 (to cup) — cup 8 in = tin 5 out
-
- step 277 (to cup) — cup 8 in = tin 5 out
- right 15 head 132 tail 55 — cut 23 5/8 inches
- step 277 (to cup) — cup 8 in = tin 5 out
- step 283 (to gun) — gun 6 in = tin 6 out
-
- step 283 (to gun) — gun 6 in = tin 6 out
- left 3 head 131 tail 45 — cut 23 5/8 inches
- step 283 (to gun) — gun 6 in = tin 6 out

Row 4

- step 144 (to aby) — aby 7 in = air 5 out
-
- step 144 (to aby) — aby 7 in = air 5 out
- right 15 head 132 tail 55 — cut 23 5/8 inches
- step 144 (to aby) — aby 7 in = air 5 out
- step 291 (to dab) — dab 9 in = dim 6 out
-
- step 291 (to dab) — dab 9 in = dim 6 out
- right 10 head 129 tail 58 — cut 23 3/4 inches
- step 291 (to dab) — dab 9 in = dim 6 out
- step 241 (to tax) — tax 5 in = mar 5 out
-
- step 241 (to tax) — tax 5 in = mar 5 out
- right 5 head 135 tail 39 — cut 23 7/8 inches
- step 241 (to tax) — tax 5 in = mar 5 out

Row 5

- step 284 INI! (to and) — and.1 out = pub.2 out
-
- step 284 INI! (to and) — and.1 out = pub.2 out
- left 4 head 104 tail 102 — cut 24 3/8 inches
- step 284 INI! (to and) — and.1 out = pub.2 out
- step 344 (to lye) — lye 2 in = poi 1 in
-
- step 344 (to lye) — lye 2 in = poi 1 in
- left 9 head 90 tail 90 — cut 24 1/2 inches
- step 344 (to lye) — lye 2 in = poi 1 in
- step 293 INI! (to pub) — pub.1 out = dim.2 out
-
- step 293 INI! (to pub) — pub.1 out = dim.2 out
- right 2 head 101 tail 105 — cut 24 5/8 inches
- step 293 INI! (to pub) — pub.1 out = dim.2 out

step 343 (to lye) — lye 1 in = ten 2 in

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step 343 (to lye) — lye 1 in = ten 2 in

left 12 head 90 tail 90 cut 24 5/8 inches

step 343 (to lye) — lye 1 in = ten 2 in

step 260 (to aft) — aft 6 in = and 5 out

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step 260 (to aft) — aft 6 in = and 5 out

right 10 head 133 tail 61 cut 24 5/8 inches

step 260 (to aft) — aft 6 in = and 5 out

step 282 (to gun) — gun 5 in = and 4 out

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step 282 (to gun) — gun 5 in = and 4 out

right 5 head 134 tail 48 cut 24 5/8 inches

step 282 (to gun) — gun 5 in = and 4 out

step 114 (to cow) — cow 5 in = dew 4 out

Aerial Arch Geoform www.digitalpermaculture.com

step 114 (to cow) — cow 5 in = dew 4 out

right 5 head 134 tail 48 cut 24 5/8 inches

step 114 (to cow) — cow 5 in = dew 4 out

step 32 (to tap) — tap 1 in = log 2 in

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step 32 (to tap) — tap 1 in = log 2 in

left 12 head 112 tail 84 cut 24 5/8 inches

step 32 (to tap) — tap 1 in = log 2 in

step 379 (to pod) — pod 1 in = tea 2 in

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step 379 (to pod) — pod 1 in = tea 2 in

left 5 head 90 tail 90 cut 24 3/4 inches

step 379 (to pod) — pod 1 in = tea 2 in

step 313 (to gut) — gut 8 in = hay 6 out

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step 313 (to gut) — gut 8 in = hay 6 out

left 15 head 120 tail 60 cut 24 3/4 inches

step 313 (to gut) — gut 8 in = hay 6 out

step 47 (to ado) — ado 1 in = lob 2 in

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step 47 (to ado) — ado 1 in = lob 2 in

right 2 head 114 tail 84 cut 24 7/8 inches

step 47 (to ado) — ado 1 in = lob 2 in

step 91 (to coy) — coy 8 in = dib 5 out

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step 91 (to coy) — coy 8 in = dib 5 out

left 19 head 129 tail 56 cut 25 1/8 inches

step 91 (to coy) — coy 8 in = dib 5 out

step 256 (to tar) — tar 7 in = and 6 out

Aerial Arch Geoform www.digitalpermaculture.com

step 256 (to tar) — tar 7 in = and 6 out

left 2 head 127 tail 45 cut 25 1/8 inches

step 256 (to tar) — tar 7 in = and 6 out

step 289 (to dab) — dab 7 in = ant 5 out

Aerial Arch Geoform www.digitalpermaculture.com

step 289 (to dab) — dab 7 in = ant 5 out

left 19 head 129 tail 56 cut 25 1/4 inches

step 289 (to dab) — dab 7 in = ant 5 out

step 335 (to dad) — dad 1 in = pit 2 in

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step 335 (to dad) — dad 1 in = pit 2 in

right 5 head 90 tail 90 cut 25 1/4 inches

step 335 (to dad) — dad 1 in = pit 2 in

step 415 (to low) — low 2 in = tee 1 in

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step 415 (to low) — low 2 in = tee 1 in

left 7 head 100 tail 99 cut 25 3/8 inches

step 415 (to low) — low 2 in = tee 1 in

step 300 (to gum) — gum 1 in = lop 2 in

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step 300 (to gum) — gum 1 in = lop 2 in

right 8 head 68 tail 113 cut 25 3/8 inches

step 300 (to gum) — gum 1 in = lop 2 in

step 25 (to gig) — gig 1 in = cot 2 in

Aerial Arch Geoform www.digitalpermaculture.com

step 25 (to gig) — gig 1 in = cot 2 in

right 8 head 114 tail 67 cut 25 1/2 inches

step 25 (to gig) — gig 1 in = cot 2 in

Row 1:

step 269 (to ago) / ago 6 in = dim 7 out

step 269 (to ago) / ago 6 in = dim 7 out
right 5 head 127 tail 44 cut 25 5/8 inches

step 269 (to ago) / ago 6 in = dim 7 out

step 69 (to lit) / lit 2 in = pic 1 in

step 69 (to lit) / lit 2 in = pic 1 in
left 6 head 90 tail 90 cut 25 5/8 inches

step 69 (to lit) / lit 2 in = pic 1 in

step 409 (to ply) / ply 2 in = low 1 in

step 409 (to ply) / ply 2 in = low 1 in
left 6 head 80 tail 90 cut 25 5/8 inches

step 409 (to ply) / ply 2 in = low 1 in

Row 2:

step 147 (to aby) / aby 10 in = mac 9 out

step 147 (to aby) / aby 10 in = mac 9 out
right 4 head 120 tail 65 cut 25 3/4 inches

step 147 (to aby) / aby 10 in = mac 9 out

step 66 (to gnu) / gnu 1 in = pet 2 in

step 66 (to gnu) / gnu 1 in = pet 2 in
right 3 head 90 tail 90 cut 25 3/4 inches

step 66 (to gnu) / gnu 1 in = pet 2 in

step 325 (to lop) / lop 8 in = map 4 out

step 325 (to lop) / lop 8 in = map 4 out
left 10 head 128 tail 35 cut 26 inches

step 325 (to lop) / lop 8 in = map 4 out

Row 3:

step 120 (to cot) / cot 8 in = mac 7 out

step 120 (to cot) / cot 8 in = mac 7 out
right 10 head 110 tail 63 cut 26 1/4 inches

step 120 (to cot) / cot 8 in = mac 7 out

step 126 (to cry) / cry 8 in = pop 5 out

step 126 (to cry) / cry 8 in = pop 5 out
right 17 head 126 tail 64 cut 26 1/2 inches

step 126 (to cry) / cry 8 in = pop 5 out

step 339 (to dad) / dad 7 in = map 5 out

step 339 (to dad) / dad 7 in = map 5 out
right 17 head 127 tail 64 cut 26 1/2 inches

step 339 (to dad) / dad 7 in = map 5 out

Row 4:

step 305 (to gum) / gum 8 in = mat 5 out

step 305 (to gum) / gum 8 in = mat 5 out
right 20 head 125 tail 62 cut 26 5/8 inches

step 305 (to gum) / gum 8 in = mat 5 out

step 329 IN! (to hay) / hay.4 out = map.1 out

step 329 IN! (to hay) / hay.4 out = map.1 out
left 16 head 79 tail 73 cut 26 5/8 inches

step 329 IN! (to hay) / hay.4 out = map.1 out

step 266 IN! (to die) / die.2 out = and.3 out

step 266 IN! (to die) / die.2 out = and.3 out
right 8 head 78 tail 77 cut 26 7/8 inches

step 266 IN! (to die) / die.2 out = and.3 out

Row 5:

step 389 (to age) / age 5 in = her 4 out

step 389 (to age) / age 5 in = her 4 out
left 10 head 126 tail 55 cut 26 7/8 inches

step 389 (to age) / age 5 in = her 4 out

step 157 (to lob) / lob 8 in = all 5 out

step 157 (to lob) / lob 8 in = all 5 out
right 15 head 125 tail 68 cut 26 7/8 inches

step 157 (to lob) / lob 8 in = all 5 out

step 375 (to lug) / lug 7 in = toe 5 out

step 375 (to lug) / lug 7 in = toe 5 out
right 15 head 125 tail 68 cut 27 inches

step 375 (to lug) / lug 7 in = toe 5 out

step 358 (to pit) | pit 5 in = toe 4 out

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step 358 (to pit) | pit 5 in = toe 4 out

right 0 head 127 tail 53 cut 27 inches

step 358 (to pit) | pit 5 in = toe 4 out

step 328 INI! (to hay) | hay.3 out = maw.2 out

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step 328 INI! (to hay) | hay.3 out = maw.2 out

right 12 head 80 tail 78 cut 27 inches

step 328 INI! (to hay) | hay.3 out = maw.2 out

step 78 INI! (to pro) | pro.1 out = mac.4 out

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step 78 INI! (to pro) | pro.1 out = mac.4 out

right 12 head 77 tail 80 cut 27 inches

step 78 INI! (to pro) | pro.1 out = mac.4 out

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step 340 (to dad) | dad 8 in = her 5 out

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step 340 (to dad) | dad 8 in = her 5 out

right 17 head 125 tail 63 cut 27 1/8 inches

step 340 (to dad) | dad 8 in = her 5 out

step 407 (to cut) | cut 1 in = tat 2 in

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step 407 (to cut) | cut 1 in = tat 2 in

right 5 head 90 tail 90 cut 27 1/4 inches

step 407 (to cut) | cut 1 in = tat 2 in

step 83 (to pet) | pet 1 in = ace 2 in

Aerial Arch Geoform www.digitalpermaculture.com

step 83 (to pet) | pet 1 in = ace 2 in

right 5 head 90 tail 90 cut 27 1/4 inches

step 83 (to pet) | pet 1 in = ace 2 in

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step 262 (to aft) | aft 8 in = die 7 out

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step 262 (to aft) | aft 8 in = die 7 out

left 20 head 119 tail 56 cut 27 1/4 inches

step 262 (to aft) | aft 8 in = die 7 out

step 167 (to sup) | sup 8 in = had 7 out

Aerial Arch Geoform www.digitalpermaculture.com

step 167 (to sup) | sup 8 in = had 7 out

left 20 head 119 tail 56 cut 27 1/4 inches

step 167 (to sup) | sup 8 in = had 7 out

step 353 (to day) | day 5 in = mat 4 out

Aerial Arch Geoform www.digitalpermaculture.com

step 353 (to day) | day 5 in = mat 4 out

right 0 head 125 tail 53 cut 27 5/8 inches

step 353 (to day) | day 5 in = mat 4 out

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step 252 (to tar) | tar 1 in = aft 2 in

Aerial Arch Geoform www.digitalpermaculture.com

step 252 (to tar) | tar 1 in = aft 2 in

left 11 head 108 tail 83 cut 27 3/4 inches

step 252 (to tar) | tar 1 in = aft 2 in

step 376 (to lug) | lug 8 in = pry 4 out

Aerial Arch Geoform www.digitalpermaculture.com

step 376 (to lug) | lug 8 in = pry 4 out

right 3 head 120 tail 66 cut 27 7/8 inches

step 376 (to lug) | lug 8 in = pry 4 out

step 95 INI! (to dib) | dib.3 out = has.3 out

Aerial Arch Geoform www.digitalpermaculture.com

step 95 INI! (to dib) | dib.3 out = has.3 out

left 5 head 90 tail 90 cut 28 3/8 inches

step 95 INI! (to dib) | dib.3 out = has.3 out

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step 400 (to ail) | ail 5 in = hen 3 out

Aerial Arch Geoform www.digitalpermaculture.com

step 400 (to ail) | ail 5 in = hen 3 out

right 4 head 130 tail 58 cut 28 1/2 inches

step 400 (to ail) | ail 5 in = hen 3 out

step 395 (to tea) | tea 5 in = din 4 out

Aerial Arch Geoform www.digitalpermaculture.com

step 395 (to tea) | tea 5 in = din 4 out

right 10 head 124 tail 56 cut 28 5/8 inches

step 395 (to tea) | tea 5 in = din 4 out

step 412 (to tat) | tat 5 in = hen 4 out

Aerial Arch Geoform www.digitalpermaculture.com

step 412 (to tat) | tat 5 in = hen 4 out

right 10 head 129 tail 60 cut 29 7/8 inches

step 412 (to tat) | tat 5 in = hen 4 out

Row 1

- step 130 INI! (to pop) / pop.2 out = mac.3 out
- Aerial Arch Geoform www.digitalpermaculture.com
- step 130 INI! (to pop) / pop.2 out = mac.3 out
- left 16 head 74 tail 79 / T1.1 (silver 26 3/4) 26.6
- step 130 INI! (to pop) / pop.2 out = mac.3 out
- step 132 INI! (to pow) / pow.1 out = man.3 out
- Aerial Arch Geoform www.digitalpermaculture.com
- step 132 INI! (to pow) / pow.1 out = man.3 out
- left 1 head 90 tail 90 / T1.2 (black 10 1/2) 31.7
- step 132 INI! (to pow) / pow.1 out = man.3 out
- step 158 (to lob) / lob 9 in = man 7 out
- Aerial Arch Geoform www.digitalpermaculture.com
- step 158 (to lob) / lob 9 in = man 7 out
- left 11 head 134 tail 61 / T1.3 (black 32 1/2) 21.8
- step 158 (to lob) / lob 9 in = man 7 out

Row 2

- step 268 (to ago) / ago 5 in = dab 3 in
- Aerial Arch Geoform www.digitalpermaculture.com
- step 268 (to ago) / ago 5 in = dab 3 in
- right 12 head 101 tail 76 / T1.4 (end) 39.3
- step 268 (to ago) / ago 5 in = dab 3 in
- step 36 (to tap) / tap 6 in = hat 6 out
- Aerial Arch Geoform www.digitalpermaculture.com
- step 36 (to tap) / tap 6 in = hat 6 out
- right 0 head 138 tail 42 / T2.1 (silver 21 3/8) 21.3
- step 36 (to tap) / tap 6 in = hat 6 out
- step 192 (to get) / get 6 in = lip 5 in
- Aerial Arch Geoform www.digitalpermaculture.com
- step 192 (to get) / get 6 in = lip 5 in
- right 1 head 73 tail 73 / T2.2 (black 6 5/8) 33.1
- step 192 (to get) / get 6 in = lip 5 in

Row 3

- step 143 (to aby) / aby 6 in = sup 3 in
- Aerial Arch Geoform www.digitalpermaculture.com
- step 143 (to aby) / aby 6 in = sup 3 in
- right 7 head 90 tail 90 / T2.3 (black 34 1/8) 27.3
- step 143 (to aby) / aby 6 in = sup 3 in
- step 235 (to got) / got 2 in = tar 4 in
- Aerial Arch Geoform www.digitalpermaculture.com
- step 235 (to got) / got 2 in = tar 4 in
- right 5 head 73 tail 73 / T2.4 (end) 37.8
- step 235 (to got) / got 2 in = tar 4 in
- step 21 (to pig) / pig 2 in = log 1 in
- Aerial Arch Geoform www.digitalpermaculture.com
- step 21 (to pig) / pig 2 in = log 1 in
- left 9 head 114 tail 90 / T3.1 (silver 24 1/2) 24.3
- step 21 (to pig) / pig 2 in = log 1 in

Row 4

- step 42 (to goo) / goo 2 in = pie 1 in
- Aerial Arch Geoform www.digitalpermaculture.com
- step 42 (to goo) / goo 2 in = pie 1 in
- left 7 head 114 tail 90 / T3.2 (black 2 3/4) 26.1
- step 42 (to goo) / goo 2 in = pie 1 in
- step 186 (to cop) / cop 5 in = had 6 out
- Aerial Arch Geoform www.digitalpermaculture.com
- step 186 (to cop) / cop 5 in = had 6 out
- left 7 head 117 tail 47 / T3.3 (black 33) 30.1
- step 186 (to cop) / cop 5 in = had 6 out
- step 142 (to aby) / aby 3 in = pen 5 in
- Aerial Arch Geoform www.digitalpermaculture.com
- step 142 (to aby) / aby 3 in = pen 5 in
- left 9 head 77 tail 100 / T3.4 (end) 38.9
- step 142 (to aby) / aby 3 in = pen 5 in

Row 5

- step 116 (to pic) / pic 3 in = ale 3 out
- Aerial Arch Geoform www.digitalpermaculture.com
- step 116 (to pic) / pic 3 in = ale 3 out
- right 5 head 118 tail 53 / T4.1 (silver 29 1/4) 29.2
- step 116 (to pic) / pic 3 in = ale 3 out
- step 113 (to cow) / cow 4 in = cot 5 in
- Aerial Arch Geoform www.digitalpermaculture.com
- step 113 (to cow) / cow 4 in = cot 5 in
- left 17 head 105 tail 81 / T4.2 (black 15 3/8) 34
- step 113 (to cow) / cow 4 in = cot 5 in
- step 221 (to pix) / pix 2 in = loo 1 in
- Aerial Arch Geoform www.digitalpermaculture.com
- step 221 (to pix) / pix 2 in = loo 1 in
- right 18 head 105 tail 82 / T4.3 (black 43 5/8) 28
- step 221 (to pix) / pix 2 in = loo 1 in

step 89 (to coy)
coy 5 in = sup 4 in

step 89 (to coy)
coy 5 in = sup 4 in

left 5 head 90 tail 90
T4.4 (end) 28.3

step 89 (to coy)
coy 5 in = sup 4 in

step 179 (to lid)
lid 9 in = den 7 out

step 179 (to lid)
lid 9 in = den 7 out

left 21 head 117 tail 53
T5.1 (silver 29 1/8) 29.1

step 179 (to lid)
lid 9 in = den 7 out

step 240 (to tax)
tax 3 in = ago 1 in

step 240 (to tax)
tax 3 in = ago 1 in

left 3 head 71 tail 75
T5.2 (black 15 5/8) 34.3

step 240 (to tax)
tax 3 in = ago 1 in

step 259 (to aft)
aft 4 in = cup 5 in

step 259 (to aft)
aft 4 in = cup 5 in

right 7 head 90 tail 90
T5.3 (black 43) 27.2

step 259 (to aft)
aft 4 in = cup 5 in

step 75 (to log)
log 8 in = hat 5 out

step 75 (to log)
log 8 in = hat 5 out

left 20 head 123 tail 66
T5.4 (end) 28.8

step 75 (to log)
log 8 in = hat 5 out

step 247 (to pin)
pin 7 in = mar 6 out

step 247 (to pin)
pin 7 in = mar 6 out

right 10 head 151 tail 43
T6.1 (silver 20 5/8) 20.5

step 247 (to pin)
pin 7 in = mar 6 out

step 275 (to cup)
cup 6 in = gum 3 in

step 275 (to cup)
cup 6 in = gum 3 in

left 3 head 90 tail 90
T6.2 (silver 46 7/8) 26.1

step 275 (to cup)
cup 6 in = gum 3 in

step 2 (CC triagle)
ads 3 in = add 2 in

step 2 (CC triagle)
ads 3 in = add 2 in

left 3 head 80 tail 81
T6.3 (black 33 1/2) 34.5

step 2 (CC triagle)
ads 3 in = add 2 in

step 185 (to cop)
cop 3 in = abs 1 in

step 185 (to cop)
cop 3 in = abs 1 in

right 1 head 73 tail 74
T6.4 (end) 38.4

step 185 (to cop)
cop 3 in = abs 1 in

step 106 (to gin)
gin 2 in = cot 1 in

step 106 (to gin)
gin 2 in = cot 1 in

right 7 head 113 tail 90
T7.1 (silver 22 7/8) 22.8

step 106 (to gin)
gin 2 in = cot 1 in

step 108 (to gin)
gin 4 in = cow 1 in

step 108 (to gin)
gin 4 in = cow 1 in

right 2 head 90 tail 90
T7.2 (black 8 1/8) 33

step 108 (to gin)
gin 4 in = cow 1 in

step 16 (to git)
git 7 in = mac 6 out

step 16 (to git)
git 7 in = mac 6 out

left 15 head 120 tail 59
T7.3 (black 33) 24.7

step 16 (to git)
git 7 in = mac 6 out

step 254 (to tar)
tar 5 in = cup 4 in

step 254 (to tar)
tar 5 in = cup 4 in

left 9 head 100 tail 77
T7.4 (end) 38.9

step 254 (to tar)
tar 5 in = cup 4 in

step 238 (to got)
got 6 in = die 6 out

step 238 (to got)
got 6 in = die 6 out

left 7 head 117 tail 47
T8.1 (silver 30 1/8) 30

step 238 (to got)
got 6 in = die 6 out

step 139 IN! (to ale)
ale.2 out = hat.2 out

step 139 IN! (to ale)
ale.2 out = hat.2 out

right 13 head 90 tail 90
T8.2 (black 17 5/8) 35.3

step 139 IN! (to ale)
ale.2 out = hat.2 out

Column 1

step 297 (to aid)
aid 5 in = dim 5 out

step 297 (to aid)
aid 5 in = dim 5 out

left 6 head 132 tail 48
T8.3 (black 42 7/8) 25

step 297 (to aid)
aid 5 in = dim 5 out

step 249 (to pin)
pin 9 in = amp 7 out

step 249 (to pin)
pin 9 in = amp 7 out

left 21 head 117 tail 53
T8.4 (end) 29.1

step 249 (to pin)
pin 9 in = amp 7 out

step 188 IN! (to had)
had.2 out = pot.1 out

step 188 IN! (to had)
had.2 out = pot.1 out

right 19 head 109 tail 104
T9.1 (silver 30 7/8) 30.7

step 188 IN! (to had)
had.2 out = pot.1 out

Column 2

step 263 (to aft)
aft 9 in = mar 8 out

step 263 (to aft)
aft 9 in = mar 8 out

right 25 head 107 tail 58
T9.2 (black 17 7/8) 34.9

step 263 (to aft)
aft 9 in = mar 8 out

step 261 (to aft)
aft 7 in = dim 4 out

step 261 (to aft)
aft 7 in = dim 4 out

left 11 head 131 tail 62
T9.3 (black 43 1/2) 25.5

step 261 (to aft)
aft 7 in = dim 4 out

step 50 (to ado)
ado 5 in = mag 4 out

step 50 (to ado)
ado 5 in = mag 4 out

right 4 head 130 tail 58
T9.4 (end) 28.4

step 50 (to ado)
ado 5 in = mag 4 out

Column 3

step 124 (to cry)
cry 5 in = lob 4 in

step 124 (to cry)
cry 5 in = lob 4 in

right 0 head 90 tail 90
T10.1 (silver 32 1/4) 32.1

step 124 (to cry)
cry 5 in = lob 4 in

step 180 (to tad)
tad 2 in = pew 4 in

step 180 (to tad)
tad 2 in = pew 4 in

right 4 head 72 tail 75
T10.2 (black 19 7/8) 35.5

step 180 (to tad)
tad 2 in = pew 4 in

step 56 (to tag)
tag 6 in = ale 5 out

step 56 (to tag)
tag 6 in = ale 5 out

right 6 head 138 tail 46
T10.3 (black 43) 22.9

step 56 (to tag)
tag 6 in = ale 5 out

Column 4

step 200 (to pew)
pew 3 in = lip 4 in

step 200 (to pew)
pew 3 in = lip 4 in

left 19 head 104 tail 79
T10.4 (end) 28.9

step 200 (to pew)
pew 3 in = lip 4 in

step 76 (to log)
log 9 in = did 6 out

step 76 (to log)
log 9 in = did 6 out

right 16 head 133 tail 61
T11.1 (silver 22 1/4) 22.2

step 76 (to log)
log 9 in = did 6 out

step 123 (to ace)
ace 3 in = the 3 out

step 123 (to ace)
ace 3 in = the 3 out

left 3 head 119 tail 54
T11.2 (black 3 7/8) 29.3

step 123 (to ace)
ace 3 in = the 3 out

Column 5

step 184 (to cop)
cop 2 in = get 1 in

step 184 (to cop)
cop 2 in = get 1 in

right 18 head 102 tail 81
T11.3 (black 33 1/2) 29.6

step 184 (to cop)
cop 2 in = get 1 in

step 217 (to cue)
cue 2 in = got 4 in

step 217 (to cue)
cue 2 in = got 4 in

right 1 head 74 tail 73
T11.4 (end) 38.3

step 217 (to cue)
cue 2 in = got 4 in

step 88 (to coy)
coy 1 in = aby 2 in

step 88 (to coy)
coy 1 in = aby 2 in

left 1 head 102 tail 100
T12.1 (silver 23 3/8) 23.3

step 88 (to coy)
coy 1 in = aby 2 in

step 162 IN! (to mag) / mag.2 out = all.3 out
step 162 IN! (to mag) / mag.2 out = all.3 out
right 7 head 90 tail 90 / T12.2 (black 9 1/4) 33.7
step 162 IN! (to mag) / mag.2 out = all.3 out

step 165 (to sup) / sup 6 in = dew 5 out
step 165 (to sup) / sup 6 in = dew 5 out
right 10 head 133 tail 61 / T12.3 (black 34) 24.6
step 165 (to sup) / sup 6 in = dew 5 out

step 152 (to pen) / pen 3 in = cop 1 in
step 152 (to pen) / pen 3 in = cop 1 in
right 5 head 73 tail 73 / T12.4 (end) 37.8
step 152 (to pen) / pen 3 in = cop 1 in

step 234 IN! (to dig) / dig.2 out = amp.3 out
step 234 IN! (to dig) / dig.2 out = amp.3 out
right 0 head 74 tail 74 / T13.1 (silver 29 3/4) 29.7
step 234 IN! (to dig) / dig.2 out = amp.3 out

step 176 (to lid) / lid 6 in = get 5 in
step 176 (to lid) / lid 6 in = get 5 in
right 2 head 74 tail 73 / T13.2 (black 14 5/8) 32.6
step 176 (to lid) / lid 6 in = get 5 in

step 258 (to aft) / aft 3 in = dab 6 in
step 258 (to aft) / aft 3 in = dab 6 in
left 5 head 90 tail 90 / T13.3 (black 43 1/8) 28.3
step 258 (to aft) / aft 3 in = dab 6 in

step 134 (to pie) / pie 7 in = did 5 out
step 134 (to pie) / pie 7 in = did 5 out
left 17 head 123 tail 70 / T13.4 (end) 28.8
step 134 (to pie) / pie 7 in = did 5 out

step 171 IN! (to dew) / dew.3 out = had.1 out
step 171 IN! (to dew) / dew.3 out = had.1 out
right 8 head 78 tail 78 / T14.1 (silver 26 7/8) 26.8
step 171 IN! (to dew) / dew.3 out = had.1 out

step 74 (to log) / log 7 in = pro 5 out
step 74 (to log) / log 7 in = pro 5 out
left 20 head 125 tail 64 / T14.2 (black 6 1/8) 27.1
step 74 (to log) / log 7 in = pro 5 out

step 149 IN! (to mac) / mac.5 out = tic.3 out
step 149 IN! (to mac) / mac.5 out = tic.3 out
right 7 head 100 tail 90 / T14.3 (black 32 1/2) 26.2
step 149 IN! (to mac) / mac.5 out = tic.3 out

step 59 (to act) / act 3 in = coy 4 in
step 59 (to act) / act 3 in = coy 4 in
right 12 head 102 tail 75 / T14.4 (end) 39.4
step 59 (to act) / act 3 in = coy 4 in

step 299 IN! (to dim) / dim.1 out = ant.3 out
step 299 IN! (to dim) / dim.1 out = ant.3 out
left 5 head 80 tail 82 / T15.1 (silver 28 1/2) 28.3
step 299 IN! (to dim) / dim.1 out = ant.3 out

step 107 (to gin) / gin 3 in = cry 3 in
step 107 (to gin) / gin 3 in = cry 3 in
left 17 head 107 tail 83 / T15.2 (black 13) 32.4
step 107 (to gin) / gin 3 in = cry 3 in

step 35 (to tap) / tap 5 in = til 4 out
step 35 (to tap) / tap 5 in = til 4 out
right 1 head 122 tail 55 / T15.3 (black 42 1/4) 29.1
step 35 (to tap) / tap 5 in = til 4 out

step 207 IN! (to den) / den.3 out = ham.1 out
step 207 IN! (to den) / den.3 out = ham.1 out
right 0 head 74 tail 74 / T15.4 (end) 29.7
step 207 IN! (to den) / den.3 out = ham.1 out

Column 1 (Row 1):
step 138 INI! (to ale)
ale.1 out = tie.2 out

step 138 INI! (to ale)
ale.1 out = tie.2 out

left 9 head 106 tail 102
T16.1 (silver 29) 28.9

step 138 INI! (to ale)
ale.1 out = tie.2 out

Column 2 (Row 1):
step 70 (to lit)
lit 3 in = pie 4 in

step 70 (to lit)
lit 3 in = pie 4 in

right 1 head 103 tail 79
T16.2 (black 17 1/2) 36.2

step 70 (to lit)
lit 3 in = pie 4 in

Column 3 (Row 1):
step 109 (to gin)
gin 5 in = air 4 out

step 109 (to gin)
gin 5 in = air 4 out

right 4 head 128 tail 50
T16.3 (black 44 1/8) 26.4

step 109 (to gin)
gin 5 in = air 4 out

Row 2, Column 1:
step 156 (to lob)
lob 7 in = the 4 out

step 156 (to lob)
lob 7 in = the 4 out

right 3 head 120 tail 66
T16.4 (end) 27.8

step 156 (to lob)
lob 7 in = the 4 out

Row 2, Column 2:
step 10 (to ads)
ads 5 in = dib 4 out

step 10 (to ads)
ads 5 in = dib 4 out

left 4 head 126 tail 51
T17.1 (silver 28 1/8) 28

step 10 (to ads)
ads 5 in = dib 4 out

Row 2, Column 3:
step 79 INI! (to pro)
pro.2 out = til.1 out

step 79 INI! (to pro)
pro.2 out = til.1 out

left 14 head 116 tail 114
T17.2 (black 12 1/8) 31.8

step 79 INI! (to pro)
pro.2 out = til.1 out

Row 3, Column 1:
step 214 (to lip)
lip 10 in = mad 7 out

step 214 (to lip)
lip 10 in = mad 7 out

left 24 head 114 tail 56
T17.3 (black 41 7/8) 29.6

step 214 (to lip)
lip 10 in = mad 7 out

Row 3, Column 2:
step 133 INI! (to pow)
pow.3 out = air.1 out

step 133 INI! (to pow)
pow.3 out = air.1 out

right 2 head 90 tail 90
T17.4 (end) 30

step 133 INI! (to pow)
pow.3 out = air.1 out

Row 3, Column 3:
step 60 (to act)
act 5 in = lid 4 in

step 60 (to act)
act 5 in = lid 4 in

left 20 head 101 tail 81
T18.1 (silver 32 1/2) 32.4

step 60 (to act)
act 5 in = lid 4 in

Row 4, Column 1:
step 39 (to lie)
lie 4 in = cot 6 in

step 39 (to lie)
lie 4 in = cot 6 in

left 15 head 105 tail 84
T18.2 (black 20 1/2) 35.7

step 39 (to lie)
lie 4 in = cot 6 in

Row 4, Column 2:
step 219 (to cue)
cue 5 in = dig 4 out

step 219 (to cue)
cue 5 in = dig 4 out

right 6 head 142 tail 34
T18.3 (black 42 1/4) 21.7

step 219 (to cue)
cue 5 in = dig 4 out

Row 4, Column 3:
step 226 (to loo)
loo 2 in = got 1 in

step 226 (to loo)
loo 2 in = got 1 in

right 18 head 80 tail 103
T18.4 (end) 29.6

step 226 (to loo)
loo 2 in = got 1 in

Row 5, Column 1:
step 33 (to tap)
tap 2 in = tag 3 in

step 33 (to tap)
tap 2 in = tag 3 in

right 8 head 90 tail 90
T19.1 (silver 32 1/2) 32.4

step 33 (to tap)
tap 2 in = tag 3 in

Row 5, Column 2:
step 73 (to log)
log 4 in = pie 3 in

step 73 (to log)
log 4 in = pie 3 in

right 0 head 90 tail 90
T19.2 (black 18 1/4) 33.6

step 73 (to log)
log 4 in = pie 3 in

Row 5, Column 3:
step 100 (to tab)
tab 6 in = the 5 out

step 100 (to tab)
tab 6 in = the 5 out

left 4 head 136 tail 49
T19.3 (black 41 5/8) 23.2

step 100 (to tab)
tab 6 in = the 5 out

step 270 (to ago)
ago 7 in = mar 7 out

step 270 (to ago)
ago 7 in = mar 7 out

left 12 head 118 tail 47
T19.4 (end) 30.3

step 270 (to ago)
ago 7 in = mar 7 out

step 242 (to tax)
tax 6 in = hem 6 out

step 242 (to tax)
tax 6 in = hem 6 out

left 3 head 114 tail 49
T20.1 (silver 31 1/8) 31

step 242 (to tax)
tax 6 in = hem 6 out

step 43 (to goo)
goo 3 in = log 5 in

step 43 (to goo)
goo 3 in = log 5 in

right 15 head 109 tail 84
T20.2 (black 15 5/8) 32.3

step 43 (to goo)
goo 3 in = log 5 in

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step 155 (to pen)
pen 7 in = dew 6 out

step 155 (to pen)
pen 7 in = dew 6 out

left 2 head 127 tail 45
T20.3 (black 40 7/8) 25.1

step 155 (to pen)
pen 7 in = dew 6 out

step 46 (to goo)
goo 6 in = tie 3 out

step 46 (to goo)
goo 6 in = tie 3 out

left 4 head 126 tail 61
T20.4 (end) 31

step 46 (to goo)
goo 6 in = tie 3 out

step 213 (to lip)
lip 9 in = hem 7 out

step 213 (to lip)
lip 9 in = hem 7 out

left 24 head 114 tail 56
T21.1 (silver 29 7/8) 29.7

step 213 (to lip)
lip 9 in = hem 7 out

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step 44 (to goo)
goo 4 in = tan 1 in

step 44 (to goo)
goo 4 in = tan 1 in

left 8 head 101 tail 90
T21.2 (black 17 3/4) 35.8

step 44 (to goo)
goo 4 in = tan 1 in

step 118 (to cot)
cot 4 in = aby 5 in

step 118 (to cot)
cot 4 in = aby 5 in

left 3 head 90 tail 90
T21.3 (black 44) 26.1

step 118 (to cot)
cot 4 in = aby 5 in

step 285 IN! (to and)
and.2 out = tin.3 out

step 285 IN! (to and)
and.2 out = tin.3 out

right 5 head 90 tail 90
T21.4 (end) 27.9

step 285 IN! (to and)
and.2 out = tin.3 out

---

step 55 (to tag)
tag 5 in = hat 4 out

step 55 (to tag)
tag 5 in = hat 4 out

right 10 head 124 tail 56
T22.1 (silver 28 3/4) 28.6

step 55 (to tag)
tag 5 in = hat 4 out

step 189 IN! (to had)
had.3 out = den.1 out

step 189 IN! (to had)
had.3 out = den.1 out

right 2 head 74 tail 73
T22.2 (black 9 7/8) 28.9

step 189 IN! (to had)
had.3 out = den.1 out

step 71 (to lit)
lit 5 in = tie 4 out

step 71 (to lit)
lit 5 in = tie 4 out

left 14 head 126 tail 60
T22.3 (black 40 7/8) 30.9

step 71 (to lit)
lit 5 in = tie 4 out

---

step 253 (to tar)
tar 2 in = gun 4 in

step 253 (to tar)
tar 2 in = gun 4 in

right 8 head 90 tail 90
T22.4 (end) 31

step 253 (to tar)
tar 2 in = gun 4 in

step 244 (to pin)
pin 2 in = tar 3 in

step 244 (to pin)
pin 2 in = tar 3 in

right 20 head 90 tail 90
T23.1 (silver 32 5/8) 32.5

step 244 (to pin)
pin 2 in = tar 3 in

step 281 (to gun)
gun 3 in = gum 6 in

step 281 (to gun)
gun 3 in = gum 6 in

left 17 head 105 tail 81
T23.2 (black 18 3/4) 34

step 281 (to gun)
gun 3 in = gum 6 in

step 187 (to cop) / cop 6 in = den 4 out

step 187 (to cop) / cop 6 in = den 4 out

right 7 head 138 tail 37 / T23.3 (black 41 5/8) 22.7

step 187 (to cop) / cop 6 in = den 4 out

step 34 (to tap) / tap 4 in = pie 6 in

step 34 (to tap) / tap 4 in = pie 6 in

right 13 head 111 tail 84 / T23.4 (end) 30.2

step 34 (to tap) / tap 4 in = pie 6 in

step 102 (to cub) / cub 3 in = lob 5 in

step 102 (to cub) / cub 3 in = lob 5 in

left 11 head 110 tail 84 / T24.1 (silver 31 3/8) 31.3

step 102 (to cub) / cub 3 in = lob 5 in

step 267 (to ago) / ago 3 in = aid 3 in

step 267 (to ago) / ago 3 in = aid 3 in

left 6 head 80 tail 77 / T24.2 (black 15 3/4) 32.2

step 267 (to ago) / ago 3 in = aid 3 in

step 52 (to tag) / tag 1 in = pie 2 in

step 52 (to tag) / tag 1 in = pie 2 in

left 5 head 111 tail 80 / T24.3 (black 40 5/8) 24.7

step 52 (to tag) / tag 1 in = pie 2 in

step 163 IN! (to all) / all.1 out = man.2 out

step 163 IN! (to all) / all.1 out = man.2 out

right 10 head 113 tail 112 / T24.4 (end) 31.2

step 163 IN! (to all) / all.1 out = man.2 out

step 5 (to add) / add 3 in = act 4 in

step 5 (to add) / add 3 in = act 4 in

left 6 head 77 tail 79 / T25.1 (silver 32 3/8) 32.2

step 5 (to add) / add 3 in = act 4 in

step 215 IN! (to mad) / mad.1 out = ham.2 out

step 215 IN! (to mad) / mad.1 out = ham.2 out

left 26 head 106 tail 105 / T25.2 (black 16 7/8) 32.4

step 215 IN! (to mad) / mad.1 out = ham.2 out

step 93 (to coy) / coy 10 in = has 6 out

step 93 (to coy) / coy 10 in = has 6 out

right 9 head 129 tail 58 / T25.3 (black 40 5/8) 23.6

step 93 (to coy) / coy 10 in = has 6 out

step 131 IN! (to pop) / pop.3 out = all.2 out

step 131 IN! (to pop) / pop.3 out = all.2 out

right 0 head 90 tail 90 / T25.4 (end) 31.2

step 131 IN! (to pop) / pop.3 out = all.2 out

step 265 IN! (to die) / die.1 out = mar.2 out

step 265 IN! (to die) / die.1 out = mar.2 out

right 19 head 109 tail 104 / T26.1 (silver 30 7/8) 30.7

step 265 IN! (to die) / die.1 out = mar.2 out

step 94 IN! (to dib) / dib.1 out = mac.2 out

step 94 IN! (to dib) / dib.1 out = mac.2 out

left 12 head 105 tail 113 / T26.2 (black 14 1/8) 31.2

step 94 IN! (to dib) / dib.1 out = mac.2 out

step 294 IN! (to pub) / pub.3 out = hay.5 out

step 294 IN! (to pub) / pub.3 out = hay.5 out

right 7 head 90 tail 90 / T26.3 (black 40 1/2) 26.2

step 294 IN! (to pub) / pub.3 out = hay.5 out

step 80 IN! (to pro) / pro.3 out = did.1 out

step 80 IN! (to pro) / pro.3 out = did.1 out

right 0 head 90 tail 90 / T26.4 (end) 31.3

step 80 IN! (to pro) / pro.3 out = did.1 out

step 227 (to loo) / loo 3 in = tax 4 in

step 227 (to loo) / loo 3 in = tax 4 in

left 17 head 80 tail 100 / T27.1 (silver 30) 29.8

step 227 (to loo) / loo 3 in = tax 4 in

Column 1

step 224 (to pix) / pix 6 in = ham 6 out

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step 224 (to pix) / pix 6 in = ham 6 out

left 8 head 116 tail 47 / T27.2 (black 13 1/4) 31.1

step 224 (to pix) / pix 6 in = ham 6 out

step 112 (to cow) / cow 3 in = pen 1 in

Aerial Arch Geoform / www.digitalpermaculture.com

step 112 (to cow) / cow 3 in = pen 1 in

right 8 head 80 tail 82 / T28.1 (silver 31 1/8) 31

step 112 (to cow) / cow 3 in = pen 1 in

step 38 (to lie) / lie 3 in = ado 2 in

Aerial Arch Geoform / www.digitalpermaculture.com

step 38 (to lie) / lie 3 in = ado 2 in

right 0 head 90 tail 90 / T28.4 (end) 31.5

step 38 (to lie) / lie 3 in = ado 2 in

step 40 (to lie) / lie 5 in = all 4 out

Aerial Arch Geoform / www.digitalpermaculture.com

step 40 (to lie) / lie 5 in = all 4 out

right 0 head 127 tail 53 / T29.3 (black 43 1/2) 26.9

step 40 (to lie) / lie 5 in = all 4 out

step 14 (to git) / git 4 in = log 3 in

Aerial Arch Geoform / www.digitalpermaculture.com

step 14 (to git) / git 4 in = log 3 in

right 1 head 90 tail 90 / T30.2 (black 17 1/4) 32.7

step 14 (to git) / git 4 in = log 3 in

Column 2

step 236 (to got) / got 3 in = pin 4 in

Aerial Arch Geoform / www.digitalpermaculture.com

step 236 (to got) / got 3 in = pin 4 in

left 16 head 102 tail 81 / T27.3 (black 40 5/8) 27.3

step 236 (to got) / got 3 in = pin 4 in

step 22 (to pig) / pig 4 in = goo 1 in

Aerial Arch Geoform / www.digitalpermaculture.com

step 22 (to pig) / pig 4 in = goo 1 in

right 0 head 90 tail 90 / T28.2 (black 14 5/8) 31.3

step 22 (to pig) / pig 4 in = goo 1 in

step 257 (to aft) / aft 1 in = ago 2 in

Aerial Arch Geoform / www.digitalpermaculture.com

step 257 (to aft) / aft 1 in = ago 2 in

right 11 head 90 tail 90 / T29.1 (silver 29 1/8) 29.1

step 257 (to aft) / aft 1 in = ago 2 in

step 191 (to get) / get 3 in = abs 4 in

Aerial Arch Geoform / www.digitalpermaculture.com

step 191 (to get) / get 3 in = abs 4 in

left 18 head 90 tail 90 / T29.4 (end) 28.4

step 191 (to get) / get 3 in = abs 4 in

step 86 (to pet) / pet 5 in = the 6 out

Aerial Arch Geoform / www.digitalpermaculture.com

step 86 (to pet) / pet 5 in = the 6 out

left 4 head 135 tail 49 / T30.3 (black 40 7/8) 23.6

step 86 (to pet) / pet 5 in = the 6 out

Column 3

step 82 IN! (to til) / til.3 out = dib.2 out

Aerial Arch Geoform / www.digitalpermaculture.com

step 82 IN! (to til) / til.3 out = dib.2 out

left 2 head 90 tail 90 / T27.4 (end) 31.2

step 82 IN! (to til) / til.3 out = dib.2 out

step 62 (to act) / act 7 in = has 5 out

Aerial Arch Geoform / www.digitalpermaculture.com

step 62 (to act) / act 7 in = has 5 out

right 5 head 127 tail 43 / T28.3 (black 40 3/8) 25.7

step 62 (to act) / act 7 in = has 5 out

step 85 (to pet) / pet 4 in = lob 3 in

Aerial Arch Geoform / www.digitalpermaculture.com

step 85 (to pet) / pet 4 in = lob 3 in

right 1 head 104 tail 81 / T29.2 (black 16 3/8) 35

step 85 (to pet) / pet 4 in = lob 3 in

step 231 (to loo) / loo 9 in = mar 9 out

Aerial Arch Geoform / www.digitalpermaculture.com

step 231 (to loo) / loo 9 in = mar 9 out

left 22 head 113 tail 55 / T30.1 (silver 32 3/8) 32.2

step 231 (to loo) / loo 9 in = mar 9 out

step 183 (to tad) / tad 6 in = mad 6 out

Aerial Arch Geoform / www.digitalpermaculture.com

step 183 (to tad) / tad 6 in = mad 6 out

left 3 head 114 tail 49 / T30.4 (end) 31

step 183 (to tad) / tad 6 in = mad 6 out

Column 1

step 208 (to lip) — lip 2 in = cue 1 in
step 208 (to lip) — lip 2 in = cue 1 in
right 18 head 90 tail 90 — T31.1 (silver 27 1/2) 27.3
step 208 (to lip) — lip 2 in = cue 1 in

step 67 (to gnu) — gnu 3 in = lob 6 in
step 67 (to gnu) — gnu 3 in = lob 6 in
left 4 head 105 tail 84 — T31.4 (end) 35.5
step 67 (to gnu) — gnu 3 in = lob 6 in

step 99 (to tab) — tab 5 in = man 4 out
step 99 (to tab) — tab 5 in = man 4 out
left 10 head 126 tail 55 — T32.3 (black 44 1/8) 26.8
step 99 (to tab) — tab 5 in = man 4 out

step 48 (to ado) — ado 3 in = gnu 2 in
step 48 (to ado) — ado 3 in = gnu 2 in
right 9 head 103 tail 84 — T33.2 (black 15 1/8) 32.5
step 48 (to ado) — ado 3 in = gnu 2 in

step 274 (to cup) — cup 3 in = lop 4 in
step 274 (to cup) — cup 3 in = lop 4 in
left 3 head 77 tail 108 — T34.1 (silver 33 1/2) 33.3
step 274 (to cup) — cup 3 in = lop 4 in

Column 2

step 204 (to abs) — abs 3 in = pix 1 in
step 204 (to abs) — abs 3 in = pix 1 in
right 0 head 72 tail 74 — T31.2 (black 15) 35.4
step 204 (to abs) — abs 3 in = pix 1 in

step 209 (to lip) — lip 3 in = pix 4 in
step 209 (to lip) — lip 3 in = pix 4 in
left 19 head 80 tail 103 — T32.1 (silver 29) 28.9
step 209 (to lip) — lip 3 in = pix 4 in

step 151 (to pen) — pen 2 in = sup 1 in
step 151 (to pen) — pen 2 in = sup 1 in
left 11 head 107 tail 84 — T32.4 (end) 27.7
step 151 (to pen) — pen 2 in = sup 1 in

step 30 (to gig) — gig 8 in = pro 4 out
step 30 (to gig) — gig 8 in = pro 4 out
right 13 head 127 tail 36 — T33.3 (black 41 3/8) 26.1
step 30 (to gig) — gig 8 in = pro 4 out

step 84 (to pet) — pet 3 in = tab 3 in
step 84 (to pet) — pet 3 in = tab 3 in
left 6 head 100 tail 99 — T34.2 (black 19 1/8) 33.5
step 84 (to pet) — pet 3 in = tab 3 in

Column 3

step 230 (to loo) — loo 8 in = amp 5 out
step 230 (to loo) — loo 8 in = amp 5 out
right 15 head 141 tail 48 — T31.3 (black 36 3/8) 21.2
step 230 (to loo) — loo 8 in = amp 5 out

step 96 (to tab) — tab 1 in = ace 1 in
step 96 (to tab) — tab 1 in = ace 1 in
left 11 head 90 tail 90 — T32.2 (black 17 1/4) 36
step 96 (to tab) — tab 1 in = ace 1 in

step 164 (to sup) — sup 5 in = lid 5 in
step 164 (to sup) — sup 5 in = lid 5 in
right 1 head 72 tail 77 — T33.1 (silver 30 1/2) 30.3
step 164 (to sup) — sup 5 in = lid 5 in

step 26 (to gig) — gig 3 in = lie 2 in
step 26 (to gig) — gig 3 in = lie 2 in
left 16 head 90 tail 90 — T33.4 (end) 30.5
step 26 (to gig) — gig 3 in = lie 2 in

step 11 (to ads) — ads 6 in = til 7 out
step 11 (to ads) — ads 6 in = til 7 out
right 3 head 136 tail 42 — T34.3 (black 41 3/8) 22
step 11 (to ads) — ads 6 in = til 7 out

Row 1

- step 287 (to dab) — dab 4 in = lop 5 in
- Aerial Arch Geoform www.digitalpemaculture.com
- step 287 (to dab) — dab 4 in = lop 5 in
- right 6 head 78 tail 108 — T34.4 (end) 30.5
- step 287 (to dab) — dab 4 in = lop 5 in
- step 54 (to tag) — tag 4 in = lit 4 in
- Aerial Arch Geoform www.digitalpemaculture.com
- step 54 (to tag) — tag 4 in = lit 4 in
- right 9 head 100 tail 99 — T35.1 (silver 32 1/4) 32.1
- step 54 (to tag) — tag 4 in = lit 4 in
- step 64 (to tan) — tan 3 in = pie 5 in
- Aerial Arch Geoform www.digitalpemaculture.com
- step 64 (to tan) — tan 3 in = pie 5 in
- right 7 head 106 tail 90 — T35.2 (black 18 1/4) 33.8
- step 64 (to tan) — tan 3 in = pie 5 in

Row 2

- step 182 (to tad) — tad 5 in = pot 6 out
- Aerial Arch Geoform www.digitalpemaculture.com
- step 182 (to tad) — tad 5 in = pot 6 out
- right 5 head 134 tail 39 — T35.3 (black 42 1/8) 23.7
- step 182 (to tad) — tad 5 in = pot 6 out
- step 87 (to pet) — pet 6 in = mag 3 out
- Aerial Arch Geoform www.digitalpemaculture.com
- step 87 (to pet) — pet 6 in = mag 3 out
- right 10 head 129 tail 60 — T35.4 (end) 29.8
- step 87 (to pet) — pet 6 in = mag 3 out
- step 98 (to tab) — tab 4 in = cub 1 in
- Aerial Arch Geoform www.digitalpemaculture.com
- step 98 (to tab) — tab 4 in = cub 1 in
- left 7 head 90 tail 90 — T36.1 (silver 31) 30.8
- step 98 (to tab) — tab 4 in = cub 1 in

Row 3

- step 296 (to aid) — aid 4 in = gut 5 in
- Aerial Arch Geoform www.digitalpemaculture.com
- step 296 (to aid) — aid 4 in = gut 5 in
- right 18 head 106 tail 80 — T36.2 (black 15 3/8) 32.3
- step 296 (to aid) — aid 4 in = gut 5 in
- step 29 (to gig) — gig 7 in = pop 4 out
- Aerial Arch Geoform www.digitalpemaculture.com
- step 29 (to gig) — gig 7 in = pop 4 out
- left 10 head 128 tail 34 — T36.3 (black 41 5/8) 26
- step 29 (to gig) — gig 7 in = pop 4 out
- step 61 (to act) — act 6 in = pot 8 out
- Aerial Arch Geoform www.digitalpemaculture.com
- step 61 (to act) — act 6 in = pot 8 out
- left 12 head 117 tail 48 — T36.4 (end) 30.3
- step 61 (to act) — act 6 in = pot 8 out

Row 4

- step 161 IN! (to the) — the.2 out = mag.1 out
- Aerial Arch Geoform www.digitalpemaculture.com
- step 161 IN! (to the) — the.2 out = mag.1 out
- right 4 head 106 tail 101 — T37.1 (silver 28 5/8) 28.5
- step 161 IN! (to the) — the.2 out = mag.1 out
- step 148 IN! (to mac) — mac.1 out = air.2 out
- Aerial Arch Geoform www.digitalpemaculture.com
- step 148 IN! (to mac) — mac.1 out = air.2 out
- right 10 head 112 tail 84 — T37.2 (black 15 1/2) 34.6
- step 148 IN! (to mac) — mac.1 out = air.2 out
- step 150 IN! (to air) — air.3 out = dew.1 out
- Aerial Arch Geoform www.digitalpemaculture.com
- step 150 IN! (to air) — air.3 out = dew.1 out
- right 5 head 90 tail 90 — T37.3 (black 43 1/2) 27.9
- step 150 IN! (to air) — air.3 out = dew.1 out

Row 5

- step 218 (to cue) — cue 3 in = loo 4 in
- Aerial Arch Geoform www.digitalpemaculture.com
- step 218 (to cue) — cue 3 in = loo 4 in
- left 18 head 102 tail 81 — T37.4 (end) 28.4
- step 218 (to cue) — cue 3 in = loo 4 in
- step 202 (to pew) — pew 6 in = dig 6 out
- Aerial Arch Geoform www.digitalpemaculture.com
- step 202 (to pew) — pew 6 in = dig 6 out
- left 8 head 116 tail 47 — T38.1 (silver 31 1/4) 31.1
- step 202 (to pew) — pew 6 in = dig 6 out
- step 58 (to act) — act 2 in = tad 4 in
- Aerial Arch Geoform www.digitalpemaculture.com
- step 58 (to act) — act 2 in = tad 4 in
- left 3 head 75 tail 71 — T38.2 (black 17 5/8) 34.2
- step 58 (to act) — act 2 in = tad 4 in

step 154 (to pen) — pen 6 in = had 4 out

step 154 (to pen) — pen 6 in = had 4 out

right 9 head 135 tail 43 — T38.3 (black 41 7/8) 24.1

step 154 (to pen) — pen 6 in = had 4 out

step 195 (to get) — get 9 in = ham 7 out

step 195 (to get) — get 9 in = ham 7 out

left 23 head 116 tail 55 — T38.4 (end) 30

step 195 (to get) — get 9 in = ham 7 out

step 117 (to cot) — cot 3 in = cry 6 in

step 117 (to cot) — cot 3 in = cry 6 in

right 0 head 90 tail 90 — T39.1 (silver 31 3/4) 31.7

step 117 (to cot) — cot 3 in = cry 6 in

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step 15 (to git) — git 5 in = pig 3 in

step 15 (to git) — git 5 in = pig 3 in

right 19 head 90 tail 90 — T39.2 (black 17 5/8) 33.7

step 15 (to git) — git 5 in = pig 3 in

step 115 (to cow) — cow 6 in = air 6 out

step 115 (to cow) — cow 6 in = air 6 out

left 3 head 131 tail 45 — T39.3 (black 41 3/8) 23.6

step 115 (to cow) — cow 6 in = air 6 out

step 28 (to gig) — gig 6 in = coy 3 in

step 28 (to gig) — gig 6 in = coy 3 in

right 6 head 107 tail 78 — T39.4 (end) 30.5

step 28 (to gig) — gig 6 in = coy 3 in

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step 168 (to sup) — sup 9 in = pot 7 out

step 168 (to sup) — sup 9 in = pot 7 out

right 25 head 107 tail 57 — T40.1 (silver 35) 34.9

step 168 (to sup) — sup 9 in = pot 7 out

step 140 INl (to tie) — tie.1 out = did.3 out

step 140 INl (to tie) — tie.1 out = did.3 out

left 6 head 90 tail 90 — T40.2 (black 22 5/8) 35.4

step 140 INl (to tie) — tie.1 out = did.3 out

step 248 (to pin) — pin 8 in = die 5 out

step 248 (to pin) — pin 8 in = die 5 out

right 16 head 139 tail 48 — T40.3 (black 44 5/8) 21.9

step 248 (to pin) — pin 8 in = die 5 out

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step 175 (to lid) — lid 3 in = cop 4 in

step 175 (to lid) — lid 3 in = cop 4 in

left 16 head 90 tail 90 — T40.4 (end) 27.2

step 175 (to lid) — lid 3 in = cop 4 in

step 129 INl (to pop) — pop.1 out = pow.2 out

step 129 INl (to pop) — pop.1 out = pow.2 out

right 8 head 114 tail 113 — T41.1 (silver 31 5/8) 31.5

step 129 INl (to pop) — pop.1 out = pow.2 out

step 271 INl (to mar) — mar.3 out = dim.3 out

step 271 INl (to mar) — mar.3 out = dim.3 out

left 5 head 72 tail 70 — T41.2 (black 18 1/2) 34.7

step 271 INl (to mar) — mar.3 out = dim.3 out

---

step 255 (to tar) — tar 6 in = die 4 out

step 255 (to tar) — tar 6 in = die 4 out

right 9 head 135 tail 43 — T41.3 (black 42 3/4) 24.1

step 255 (to tar) — tar 6 in = die 4 out

step 57 (to act) — act 1 in = sup 2 in

step 57 (to act) — act 1 in = sup 2 in

right 11 head 109 tail 82 — T41.4 (end) 29.1

step 57 (to act) — act 1 in = sup 2 in

step 295 (to aid) — aid 1 in = aim 3 in

step 295 (to aid) — aid 1 in = aim 3 in

left 3 head 90 tail 90 — T42.1 (silver 34 5/8) 34.5

step 295 (to aid) — aid 1 in = aim 3 in

Row 1

step 199 (to pew)
pew 2 in = cue 4 in

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step 199 (to pew)
pew 2 in = cue 4 in

right 0 head 74 tail 72
T42.2 (black 22 1/8) 35.4

step 199 (to pew)
pew 2 in = cue 4 in

step 77 (to log)
log 10 in = til 6 out

Aerial Arch Geoform
www.digitalpermaculture.com

step 77 (to log)
log 10 in = til 6 out

right 18 head 136 tail 60
T42.3 (black 43 7/8) 21.6

step 77 (to log)
log 10 in = til 6 out

step 190 (to get)
get 2 in = pew 1 in

Aerial Arch Geoform
www.digitalpermaculture.com

step 190 (to get)
get 2 in = pew 1 in

right 18 head 90 tail 90
T42.4 (end) 28

step 190 (to get)
get 2 in = pew 1 in

Row 2

step 20 (to pig)
pig 1 in = gig 4 in

Aerial Arch Geoform
www.digitalpermaculture.com

step 20 (to pig)
pig 1 in = gig 4 in

right 17 head 76 tail 82
T43.1 (silver 31 3/8) 31.2

step 20 (to pig)
pig 1 in = gig 4 in

step 245 (to pin)
pin 3 in = ago 4 in

Aerial Arch Geoform
www.digitalpermaculture.com

step 245 (to pin)
pin 3 in = ago 4 in

left 20 head 90 tail 90
T43.2 (black 15 7/8) 32.4

step 245 (to pin)
pin 3 in = ago 4 in

step 172 IN! (to tic)
tic.2 out = has.1 out

Aerial Arch Geoform
www.digitalpermaculture.com

step 172 IN! (to tic)
tic.2 out = has.1 out

right 2 head 101 tail 104
T43.3 (black 40 5/8) 24.5

step 172 IN! (to tic)
tic.2 out = has.1 out

Row 3

step 197 IN! (to pot)
pot.2 out = mad.3 out

Aerial Arch Geoform
www.digitalpermaculture.com

step 197 IN! (to pot)
pot.2 out = mad.3 out

right 4 head 72 tail 74
T43.4 (end) 31.3

step 197 IN! (to pot)
pot.2 out = mad.3 out

step 181 (to tad)
tad 3 in = get 4 in

Aerial Arch Geoform
www.digitalpermaculture.com

step 181 (to tad)
tad 3 in = get 4 in

left 17 head 101 tail 80
T44.1 (silver 30) 29.9

step 181 (to tad)
tad 3 in = get 4 in

step 8 (to ads)
ads 2 in = tap 3 in

Aerial Arch Geoform
www.digitalpermaculture.com

step 8 (to ads)
ads 2 in = tap 3 in

right 2 head 90 tail 90
T44.2 (black 17 1/8) 34.9

step 8 (to ads)
ads 2 in = tap 3 in

Row 4

step 119 (to cot)
cot 7 in = pow 5 out

Aerial Arch Geoform
www.digitalpermaculture.com

step 119 (to cot)
cot 7 in = pow 5 out

right 20 head 126 tail 62
T44.3 (black 43 7/8) 26.6

step 119 (to cot)
cot 7 in = pow 5 out

step 216 IN! (to mad)
mad.2 out = dig.3 out

Aerial Arch Geoform
www.digitalpermaculture.com

step 216 IN! (to mad)
mad.2 out = dig.3 out

right 1 head 73 tail 72
T44.4 (end) 28

step 216 IN! (to mad)
mad.2 out = dig.3 out

step 81 IN! (to til)
til.2 out = hat.3 out

Aerial Arch Geoform
www.digitalpermaculture.com

step 81 IN! (to til)
til.2 out = hat.3 out

right 2 head 90 tail 90
T45.1 (silver 33 1/8) 33.1

step 81 IN! (to til)
til.2 out = hat.3 out

Row 5

step 103 (to cub)
cub 4 in = gin 1 in

Aerial Arch Geoform
www.digitalpermaculture.com

step 103 (to cub)
cub 4 in = gin 1 in

left 1 head 90 tail 90
T45.2 (black 18 5/8) 33.3

step 103 (to cub)
cub 4 in = gin 1 in

step 127 (to cry)
cry 9 in = pow 7 out

Aerial Arch Geoform
www.digitalpermaculture.com

step 127 (to cry)
cry 9 in = pow 7 out

left 16 head 134 tail 59
T45.3 (black 40 3/4) 21.9

step 127 (to cry)
cry 9 in = pow 7 out

step 9 (to ads)
ads 4 in = log 6 in

Aerial Arch Geoform
www.digitalpermaculture.com

step 9 (to ads)
ads 4 in = log 6 in

right 19 head 109 tail 83
T45.4 (end) 31.1

step 9 (to ads)
ads 4 in = log 6 in

Row 1

- step 251 IN! (to amp) / amp.2 out = die.3 out
-
- step 251 IN! (to amp) / amp.2 out = die.3 out
- right 2 head 73 tail 74 / T46.1 (silver 29 1/8) 29
- step 251 IN! (to amp) / amp.2 out = die.3 out
- step 160 IN! (to the) / the.1 out = man.1 out
-
- step 160 IN! (to the) / the.1 out = man.1 out
- left 11 head 100 tail 98 / T46.2 (black 16 1/8) 34.9
- step 160 IN! (to the) / the.1 out = man.1 out
- step 288 (to dab) / dab 5 in = gut 4 in
-
- step 288 (to dab) / dab 5 in = gut 4 in
- right 4 head 90 tail 90 / T46.3 (black 44) 27.7
- step 288 (to dab) / dab 5 in = gut 4 in

Row 2

- step 174 (to lid) / lid 2 in = tad 1 in
-
- step 174 (to lid) / lid 2 in = tad 1 in
- right 15 head 90 tail 90 / T46.4 (end) 27.9
- step 174 (to lid) / lid 2 in = tad 1 in
- step 24 (to pig) / pig 6 in = did 4 out
-
- step 24 (to pig) / pig 6 in = did 4 out
- left 1 head 126 tail 53 / T47.1 (silver 27 5/8) 27.5
- step 24 (to pig) / pig 6 in = did 4 out
- step 173 IN! (to has) / has.2 out = pot.4 out
-
- step 173 IN! (to has) / has.2 out = pot.4 out
- left 5 head 70 tail 72 / T47.2 (black 14 1/2) 34.7
- step 173 IN! (to has) / has.2 out = pot.4 out

Row 3

- step 90 (to coy) / coy 7 in = tic 5 out
-
- step 90 (to coy) / coy 7 in = tic 5 out
- left 6 head 138 tail 45 / T47.3 (black 35 3/4) 21.1
- step 90 (to coy) / coy 7 in = tic 5 out
- step 53 (to tag) / tag 2 in = pic 2 in
-
- step 53 (to tag) / tag 2 in = pic 2 in
- right 14 head 90 tail 90 / T47.4 (end) 36.1
- step 53 (to tag) / tag 2 in = pic 2 in
- step 141 IN! (to did) / did.2 out = hat.1 out
-
- step 141 IN! (to did) / did.2 out = hat.1 out
- left 15 head 114 tail 113 / T48.1 (silver 32 3/4) 32.6
- step 141 IN! (to did) / did.2 out = hat.1 out

Row 4

- step 222 (to pix) / pix 3 in = tax 1 in
-
- step 222 (to pix) / pix 3 in = tax 1 in
- right 4 head 75 tail 72 / T48.2 (black 20 3/8) 35.5
- step 222 (to pix) / pix 3 in = tax 1 in
- step 211 (to lip) / lip 7 in = ham 5 out
-
- step 211 (to lip) / lip 7 in = ham 5 out
- right 17 head 143 tail 48 / T48.3 (black 41 5/8) 21
- step 211 (to lip) / lip 7 in = ham 5 out
- step 246 (to pin) / pin 6 in = aft 5 in
-
- step 246 (to pin) / pin 6 in = aft 5 in
- right 1 head 77 tail 73 / T48.4 (end) 30.3
- step 246 (to pin) / pin 6 in = aft 5 in

Row 5

- step 1 (CC triagle) / add 4 in = git 6 in
-
- step 1 (CC triagle) / add 4 in = git 6 in
- right 18 head 107 tail 80 / T49.1 (silver 32 3/8) 32.3
- step 1 (CC triagle) / add 4 in = git 6 in
- step 49 (to ado) / ado 4 in = cry 4 in
-
- step 49 (to ado) / ado 4 in = cry 4 in
- left 15 head 107 tail 90 / T49.2 (black 19) 34.5
- step 49 (to ado) / ado 4 in = cry 4 in
- step 23 (to pig) / pig 5 in = pro 7 out
-
- step 23 (to pig) / pig 5 in = pro 7 out
- right 1 head 134 tail 45 / T49.3 (black 42) 22.7
- step 23 (to pig) / pig 5 in = pro 7 out

Group 1

step 232 (to loo)	Aerial Arch Geoform	step 232 (to loo)		step 232 (to loo)
loo 10 in = dig 7 out	www.digitalpermaculture.com	loo 10 in = dig 7 out	left 23 head 116 tail 55 T49.4 (end) 29.9	loo 10 in = dig 7 out
step 402 INI! (to toe)	Aerial Arch Geoform	step 402 INI! (to toe)		step 402 INI! (to toe)
toe.3 out = hen.1 out	www.digitalpermaculture.com	toe.3 out = hen.1 out	right 7 head 90 tail 90 T50.3 (black 37) 33.7	toe.3 out = hen.1 out
step 278 (to cup)	Aerial Arch Geoform	step 278 (to cup)		step 278 (to cup)
cup 9 in = hay 9 out	www.digitalpermaculture.com	cup 9 in = hay 9 out	right 4 head 120 tail 65 T51.2 (black 1 3/8) 25.7	cup 9 in = hay 9 out
step 364 (to ten)	Aerial Arch Geoform	step 364 (to ten)		step 364 (to ten)
ten 6 in = din 6 out	www.digitalpermaculture.com	ten 6 in = din 6 out	right 0 head 138 tail 42 T52.1 (silver 21 3/8) 21.3	ten 6 in = din 6 out
step 381 (to pod)	Aerial Arch Geoform	step 381 (to pod)		step 381 (to pod)
pod 3 in = low 4 in	www.digitalpermaculture.com	pod 3 in = low 4 in	right 1 head 80 tail 102 T52.4 (end) 36.2	pod 3 in = low 4 in

Group 2

step 205 (to abs)	Aerial Arch Geoform	step 205 (to abs)		step 205 (to abs)
abs 5 in = ham 4 out	www.digitalpermaculture.com	abs 5 in = ham 4 out	right 6 head 142 tail 34 T50.1 (silver 21 3/4) 21.7	abs 5 in = ham 4 out
step 330 (to aim)	Aerial Arch Geoform	step 330 (to aim)		step 330 (to aim)
aim 1 in = ten 3 in	www.digitalpermaculture.com	aim 1 in = ten 3 in	right 2 head 90 tail 90 T50.4 (end) 34.9	aim 1 in = ten 3 in
step 320 INI! (to tin)	Aerial Arch Geoform	step 320 INI! (to tin)		step 320 INI! (to tin)
tin.1 out = hay.2 out	www.digitalpermaculture.com	tin.1 out = hay.2 out	right 10 head 90 tail 90 T51.3 (black 36 1/4) 34.7	tin.1 out = hay.2 out
step 324 (to lop)	Aerial Arch Geoform	step 324 (to lop)		step 324 (to lop)
lop 7 in = maw 4 out	www.digitalpermaculture.com	lop 7 in = maw 4 out	right 14 head 127 tail 36 T52.2 (silver 47 3/4) 26.2	lop 7 in = maw 4 out
step 371 (to lug)	Aerial Arch Geoform	step 371 (to lug)		step 371 (to lug)
lug 1 in = ail 2 in	www.digitalpermaculture.com	lug 1 in = ail 2 in	right 2 head 90 tail 90 T53.1 (silver 24 7/8) 24.8	lug 1 in = ail 2 in

Group 3

step 363 (to ten)	Aerial Arch Geoform	step 363 (to ten)		step 363 (to ten)
ten 5 in = pun 4 out	www.digitalpermaculture.com	ten 5 in = pun 4 out	right 1 head 122 tail 55 T50.2 (black 3) 29.1	ten 5 in = pun 4 out
step 359 (to pit)	Aerial Arch Geoform	step 359 (to pit)		step 359 (to pit)
pit 6 in = map 6 out	www.digitalpermaculture.com	pit 6 in = map 6 out	right 0 head 132 tail 48 T51.1 (silver 23 3/8) 23.3	pit 6 in = map 6 out
step 303 (to gum)	Aerial Arch Geoform	step 303 (to gum)		step 303 (to gum)
gum 5 in = pit 3 in	www.digitalpermaculture.com	gum 5 in = pit 3 in	left 15 head 90 tail 90 T51.4 (end) 35.7	gum 5 in = pit 3 in
step 403 (to gym)	Aerial Arch Geoform	step 403 (to gym)		step 403 (to gym)
gym 3 in = tee 2 in	www.digitalpermaculture.com	gym 3 in = tee 2 in	left 8 head 102 tail 90 T52.3 (black 35 3/4) 35.8	gym 3 in = tee 2 in
step 368 (to poi)	Aerial Arch Geoform	step 368 (to poi)		step 368 (to poi)
poi 5 in = any 4 out	www.digitalpermaculture.com	poi 5 in = any 4 out	left 1 head 126 tail 52 T53.2 (black 4 5/8) 27.5	poi 5 in = any 4 out

step 228 (to loo) — loo 6 in = pin 5 in
right 2 head 72 tail 75 — T53.3 (black 37 3/8) 32.6

step 338 (to dad) — dad 5 in = ail 3 in
left 15 head 90 tail 90 — T53.4 (end) 34.5

step 250 IN! (to amp) — amp.1 out = mar.4 out
left 27 head 104 tail 101 — T54.1 (silver 32 1/2) 32.4

step 374 (to lug) — lug 5 in = guy 3 in
left 4 head 90 tail 90 — T54.2 (black 20 1/8) 35.4

step 166 (to sup) — sup 7 in = has 4 out
left 11 head 131 tail 62 — T54.3 (black 45 3/4) 25.5

step 380 (to pod) — pod 2 in = gym 1 in
left 7 head 90 tail 90 — T54.4 (end) 26.2

step 301 (to gum) — gum 2 in = lot 1 in
right 7 head 90 tail 90 — T55.1 (silver 23) 22.9

step 334 IN! (to ant) — ant.1 out = pun.3 out
left 2 head 90 tail 90 — T55.2 (black 6 3/8) 31.2

step 233 IN! (to dig) — dig.1 out = hem.2 out
left 26 head 104 tail 106 — T55.3 (black 38 7/8) 32.4

step 280 (to gun) — gun 2 in = lot 4 in
right 2 head 90 tail 90 — T55.4 (end) 33

step 201 (to pew) — pew 5 in = mad 4 out
right 8 head 142 tail 34 — T56.1 (silver 22 1/4) 22.1

step 383 (to pod) — pod 7 in = tip 4 out
left 5 head 117 tail 66 — T56.2 (black 3 1/8) 28.7

step 311 (to gut) — gut 6 in = poi 4 in
right 19 head 90 tail 90 — T56.3 (black 37) 33.7

step 392 IN! (to her) — her.2 out = pry.2 out
left 11 head 90 tail 90 — T56.4 (end) 34.9

step 318 (to lot) — lot 5 in = tin 4 out
right 4 head 128 tail 50 — T57.1 (silver 26 1/2) 26.4

Column 1

step 388 (to age)
age 3 in = tat 4 in

step 388 (to age)
age 3 in = tat 4 in

left 6 head 90 tail 90
T57.2 (black 12 1/4) 33.5

step 388 (to age)
age 3 in = tat 4 in

step 203 (to abs)
abs 2 in = lip 1 in

step 203 (to abs)
abs 2 in = lip 1 in

right 18 head 103 tail 81
T57.3 (black 39 3/4) 27.3

step 203 (to abs)
abs 2 in = lip 1 in

step 196 (to get)
get 10 in = pot 9 out

step 196 (to get)
get 10 in = pot 9 out

left 22 head 112 tail 55
T57.4 (end) 32.1

step 196 (to get)
get 10 in = pot 9 out

Column 2

step 6 (to add)
add 5 in = has 7 out

step 6 (to add)
add 5 in = has 7 out

left 6 head 131 tail 48
T58.1 (silver 25) 24.9

step 6 (to add)
add 5 in = has 7 out

step 37 (to lie)
lie 1 in = cry 2 in

step 37 (to lie)
lie 1 in = cry 2 in

right 5 head 113 tail 90
T58.2 (black 2 3/8) 25.2

step 37 (to lie)
lie 1 in = cry 2 in

step 27 (to gig)
gig 5 in = aby 4 in

step 27 (to gig)
gig 5 in = aby 4 in

left 3 head 108 tail 77
T58.3 (black 35 7/8) 33.3

step 27 (to gig)
gig 5 in = aby 4 in

Column 3

step 387 (to age)
age 2 in = cut 2 in

step 387 (to age)
age 2 in = cut 2 in

left 11 head 90 tail 90
T58.4 (end) 36

step 387 (to age)
age 2 in = cut 2 in

step 273 (to cup)
cup 2 in = gun 1 in

step 273 (to cup)
cup 2 in = gun 1 in

right 0 head 90 tail 90
T59.1 (silver 23 1/4) 23.2

step 273 (to cup)
cup 2 in = gun 1 in

step 357 (to pit)
pit 4 in = ail 1 in

step 357 (to pit)
pit 4 in = ail 1 in

right 0 head 90 tail 90
T59.2 (black 6 7/8) 31.5

step 357 (to pit)
pit 4 in = ail 1 in

Column 4

step 337 (to dad)
dad 4 in = lug 3 in

step 337 (to dad)
dad 4 in = lug 3 in

right 0 head 90 tail 90
T59.3 (black 39 1/4) 32.1

step 337 (to dad)
dad 4 in = lug 3 in

step 310 (to gut)
gut 3 in = lye 4 in

step 310 (to gut)
gut 3 in = lye 4 in

right 1 head 90 tail 90
T59.4 (end) 32.7

step 310 (to gut)
gut 3 in = lye 4 in

step 307 (to gum)
gum 10 in = tin 7 out

step 307 (to gum)
gum 10 in = tin 7 out

left 16 head 133 tail 58
T60.1 (silver 21 3/4) 21.7

step 307 (to gum)
gum 10 in = tin 7 out

Column 5

step 304 (to gum)
gum 7 in = hay 7 out

step 304 (to gum)
gum 7 in = hay 7 out

right 10 head 110 tail 63
T60.2 (black 0 1/4) 26.3

step 304 (to gum)
gum 7 in = hay 7 out

step 397 IN! (to din)
din.1 out = tip.1 out

step 397 IN! (to din)
din.1 out = tip.1 out

right 13 head 90 tail 90
T60.3 (black 35 3/4) 35.3

step 397 IN! (to din)
din.1 out = tip.1 out

step 393 (to tea)
tea 1 in = ply 1 in

step 393 (to tea)
tea 1 in = ply 1 in

right 14 head 90 tail 90
T60.4 (end) 36.2

step 393 (to tea)
tea 1 in = ply 1 in

Band 1

step 332 (to aim) / aim 5 in = ant 4 out
step 332 (to aim) / aim 5 in = ant 4 out
left 4 head 126 tail 51 / T61.1 (silver 28 1/8) 28
step 332 (to aim) / aim 5 in = ant 4 out

step 321 IN! (to tin) / tin.2 out = mat.3 out
step 321 IN! (to tin) / tin.2 out = mat.3 out
right 2 head 90 tail 90 / T61.2 (black 10 3/8) 30
step 321 IN! (to tin) / tin.2 out = mat.3 out

step 362 (to ten) / ten 4 in = pod 5 in
step 362 (to ten) / ten 4 in = pod 5 in
right 13 head 111 tail 90 / T61.3 (black 40 5/8) 30.2
step 362 (to ten) / ten 4 in = pod 5 in

Band 2

step 391 IN! (to her) / her.1 out = toe.2 out
step 391 IN! (to her) / her.1 out = toe.2 out
right 10 head 111 tail 113 / T61.4 (end) 31.2
step 391 IN! (to her) / her.1 out = toe.2 out

step 68 (to gnu) / gnu 4 in = mag 6 out
step 68 (to gnu) / gnu 4 in = mag 6 out
right 3 head 130 tail 50 / T62.1 (silver 22 5/8) 22.5
step 68 (to gnu) / gnu 4 in = mag 6 out

step 243 IN! (to hem) / hem.3 out = mar.1 out
step 243 IN! (to hem) / hem.3 out = mar.1 out
right 4 head 74 tail 72 / T62.2 (black 6) 31.2
step 243 IN! (to hem) / hem.3 out = mar.1 out

Band 3

step 361 (to ten) / ten 1 in = tea 4 in
step 361 (to ten) / ten 1 in = tea 4 in
right 8 head 100 tail 84 / T62.3 (black 38 5/8) 32.4
step 361 (to ten) / ten 1 in = tea 4 in

step 316 (to lot) / lot 2 in = day 4 in
step 316 (to lot) / lot 2 in = day 4 in
left 1 head 90 tail 90 / T62.4 (end) 33.3
step 316 (to lot) / lot 2 in = day 4 in

step 45 (to goo) / goo 5 in = did 7 out
step 45 (to goo) / goo 5 in = did 7 out
right 0 head 135 tail 44 / T63.1 (silver 22 1/4) 22.1
step 45 (to goo) / goo 5 in = did 7 out

Band 4

step 367 (to poi) / poi 3 in = gym 2 in
step 367 (to poi) / poi 3 in = gym 2 in
right 0 head 90 tail 90 / T63.2 (black 5 3/4) 31.3
step 367 (to poi) / poi 3 in = gym 2 in

step 198 IN! (to pot) / pot.3 out = den.2 out
step 198 IN! (to pot) / pot.3 out = den.2 out
left 27 head 101 tail 104 / T63.3 (black 38 1/4) 32.4
step 198 IN! (to pot) / pot.3 out = den.2 out

step 345 (to lye) / lye 3 in = pod 4 in
step 345 (to lye) / lye 3 in = pod 4 in
right 0 head 90 tail 90 / T63.4 (end) 33.6
step 345 (to lye) / lye 3 in = pod 4 in

Band 5

step 170 IN! (to dew) / dew.2 out = tic.1 out
step 170 IN! (to dew) / dew.2 out = tic.1 out
left 4 head 105 tail 101 / T64.1 (silver 24 3/8) 24.3
step 170 IN! (to dew) / dew.2 out = tic.1 out

step 406 IN! (to any) / any.3 out = pug.2 out
step 406 IN! (to any) / any.3 out = pug.2 out
left 6 head 90 tail 90 / T64.2 (black 12) 35.4
step 406 IN! (to any) / any.3 out = pug.2 out

step 414 IN! (to pry) / pry.1 out = hen.2 out
step 414 IN! (to pry) / pry.1 out = hen.2 out
right 4 head 105 tail 102 / T64.3 (black 40 5/8) 28.5
step 414 IN! (to pry) / pry.1 out = hen.2 out

step 322 (to lop) lop 3 in = poi 2 in	Aerial Arch Geoform www.digitalpermaculture.com	step 322 (to lop) lop 3 in = poi 2 in	right 17 head 90 tail 90 T64.4 (end) 31.2	step 322 (to lop) lop 3 in = poi 2 in
step 63 (to tan) tan 2 in = lit 1 in	Aerial Arch Geoform www.digitalpermaculture.com	step 63 (to tan) tan 2 in = lit 1 in	left 7 head 90 tail 90 T65.1 (silver 25 3/8) 25.3	step 63 (to tan) tan 2 in = lit 1 in
step 210 (to lip) lip 6 in = loo 5 in	Aerial Arch Geoform www.digitalpermaculture.com	step 210 (to lip) lip 6 in = loo 5 in	right 1 head 73 tail 74 T65.2 (black 10 3/4) 33.1	step 210 (to lip) lip 6 in = loo 5 in
step 347 (to lye) lye 7 in = din 5 out	Aerial Arch Geoform www.digitalpermaculture.com	step 347 (to lye) lye 7 in = din 5 out	left 20 head 123 tail 65 T65.3 (black 39 3/4) 28.9	step 347 (to lye) lye 7 in = din 5 out
step 394 (to tea) tea 3 in = low 3 in	Aerial Arch Geoform www.digitalpermaculture.com	step 394 (to tea) tea 3 in = low 3 in	right 9 head 100 tail 99 T65.4 (end) 32.1	step 394 (to tea) tea 3 in = low 3 in
step 312 (to gut) gut 7 in = pun 5 out	Aerial Arch Geoform www.digitalpermaculture.com	step 312 (to gut) gut 7 in = pun 5 out	left 23 head 123 tail 63 T66.1 (silver 27 7/8) 27.7	step 312 (to gut) gut 7 in = pun 5 out
step 382 (to pod) pod 6 in = tee 3 in	Aerial Arch Geoform www.digitalpermaculture.com	step 382 (to pod) pod 6 in = tee 3 in	right 7 head 90 tail 90 T66.2 (black 13 7/8) 33.8	step 382 (to pod) pod 6 in = tee 3 in
step 348 (to lye) lye 8 in = maw 5 out	Aerial Arch Geoform www.digitalpermaculture.com	step 348 (to lye) lye 8 in = maw 5 out	left 20 head 125 tail 64 T66.3 (black 41 1/8) 27	step 348 (to lye) lye 8 in = maw 5 out
step 351 (to day) day 2 in = age 4 in	Aerial Arch Geoform www.digitalpermaculture.com	step 351 (to day) day 2 in = age 4 in	left 7 head 101 tail 83 T66.4 (end) 30.8	step 351 (to day) day 2 in = age 4 in
step 128 (to cry) cry 10 in = all 6 out	Aerial Arch Geoform www.digitalpermaculture.com	step 128 (to cry) cry 10 in = all 6 out	left 15 head 131 tail 62 T67.1 (silver 23 1/8) 23	step 128 (to cry) cry 10 in = all 6 out
step 317 (to lot) lot 3 in = dad 6 in	Aerial Arch Geoform www.digitalpermaculture.com	step 317 (to lot) lot 3 in = dad 6 in	left 17 head 107 tail 82 T67.2 (black 7 3/4) 32.5	step 317 (to lot) lot 3 in = dad 6 in
step 356 IN! (to mat) mat.2 out = her.3 out	Aerial Arch Geoform www.digitalpermaculture.com	step 356 IN! (to mat) mat.2 out = her.3 out	left 1 head 90 tail 90 T67.3 (black 39 1/2) 31.7	step 356 IN! (to mat) mat.2 out = her.3 out
step 346 (to lye) lye 6 in = gym 4 in	Aerial Arch Geoform www.digitalpermaculture.com	step 346 (to lye) lye 6 in = gym 4 in	right 15 head 90 tail 90 T67.4 (end) 32.3	step 346 (to lye) lye 6 in = gym 4 in
step 396 (to tea) tea 6 in = tip 5 out	Aerial Arch Geoform www.digitalpermaculture.com	step 396 (to tea) tea 6 in = tip 5 out	right 6 head 138 tail 46 T68.1 (silver 23) 22.9	step 396 (to tea) tea 6 in = tip 5 out
step 365 IN! (to pun) pun.1 out = din.3 out	Aerial Arch Geoform www.digitalpermaculture.com	step 365 IN! (to pun) pun.1 out = din.3 out	right 2 head 90 tail 90 T68.2 (black 8 1/4) 33.1	step 365 IN! (to pun) pun.1 out = din.3 out

step 220 (to cue)
cue 6 in = amp 6 out

left 7 head 115 tail 49
T68.3 (black 40 1/8) 31.7

step 366 INI! (to pun)
pun.2 out = maw.1 out

left 14 head 115 tail 115
T68.4 (end) 31.8

step 417 (to low)
low 6 in = pug 3 out

left 14 head 126 tail 60
T69.1 (silver 31) 30.9

step 373 (to lug)
lug 4 in = tat 3 in

right 1 head 90 tail 90
T69.2 (black 18 1/4) 35.1

step 411 (to tat)
tat 1 in = guy 2 in

right 3 head 102 tail 98
T69.3 (black 44 1/4) 25.7

step 13 (to git)
git 3 in = coy 6 in

right 4 head 79 tail 82
T69.4 (end) 27.7

step 146 (to aby)
aby 9 in = dew 7 out

left 9 head 128 tail 57
T70.1 (silver 23 1/2) 23.4

step 399 (to ail)
ail 4 in = guy 1 in

right 9 head 102 tail 90
T70.2 (black 8 1/4) 32.5

step 404 (to gym)
gym 5 in = pug 4 out

left 4 head 126 tail 61
T70.3 (black 39 1/2) 31

step 153 (to pen)
pen 4 in = lid 1 in

right 20 head 100 tail 83
T70.4 (end) 32.4

step 104 (to cub)
cub 5 in = pow 4 out

right 0 head 125 tail 53
T71.1 (silver 27 5/8) 27.5

step 418 INI! (to tip)
tip.2 out = pug.1 out

left 9 head 107 tail 101
T71.2 (black 8 3/4) 28.9

step 352 (to day)
day 3 in = lug 6 in

left 11 head 110 tail 84
T71.3 (black 40 1/4) 31.3

step 302 (to gum)
gum 4 in = dad 3 in

right 0 head 90 tail 90
T71.4 (end) 31.7

step 206 (to abs)
abs 6 in = den 6 out

left 7 head 115 tail 49
T72.1 (silver 31 7/8) 31.7

step 398 IN! (to din)
din.2 out = any.1 out

step 398 IN! (to din)
din.2 out = any.1 out

left 15 head 114 tail 114
T72.2 (black 16 5/8) 32.6

step 398 IN! (to din)
din.2 out = any.1 out

step 125 (to cry)
cry 7 in = man 5 out

step 125 (to cry)
cry 7 in = man 5 out

right 18 head 125 tail 63
T72.3 (black 43 7/8) 27.1

step 125 (to cry)
cry 7 in = man 5 out

step 225 IN! (to ham)
ham.3 out = hem.1 out

step 225 IN! (to ham)
ham.3 out = hem.1 out

right 1 head 73 tail 73
T72.4 (end) 28

step 225 IN! (to ham)
ham.3 out = hem.1 out

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step 17 (to git)
git 8 in = til 5 out

step 17 (to git)
git 8 in = til 5 out

left 23 head 123 tail 63
T73.1 (silver 27 3/4) 27.7

step 17 (to git)
git 8 in = til 5 out

step 360 IN! (to map)
map.3 out = toe.1 out

step 360 IN! (to map)
map.3 out = toe.1 out

right 0 head 90 tail 90
T73.2 (black 11 1/4) 31.2

step 360 IN! (to map)
map.3 out = toe.1 out

step 408 (to cut)
cut 3 in = pry 3 out

step 408 (to cut)
cut 3 in = pry 3 out

left 3 head 119 tail 54
T73.3 (black 40 3/4) 29.3

step 408 (to cut)
cut 3 in = pry 3 out

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step 327 IN! (to hay)
hay.1 out = ant.2 out

step 327 IN! (to hay)
hay.1 out = ant.2 out

left 12 head 112 tail 105
T73.4 (end) 31.2

step 327 IN! (to hay)
hay.1 out = ant.2 out

step 239 (to tax)
tax 2 in = pin 1 in

step 239 (to tax)
tax 2 in = pin 1 in

right 15 head 102 tail 83
T74.1 (silver 28) 27.9

step 239 (to tax)
tax 2 in = pin 1 in

step 410 (to ply)
ply 3 in = tip 3 out

step 410 (to ply)
ply 3 in = tip 3 out

right 5 head 118 tail 53
T74.2 (black 9 1/4) 29.2

step 410 (to ply)
ply 3 in = tip 3 out

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step 331 (to aim)
aim 4 in = lye 5 in

step 331 (to aim)
aim 4 in = lye 5 in

right 19 head 109 tail 83
T74.3 (black 40 1/2) 31.1

step 331 (to aim)
aim 4 in = lye 5 in

step 370 IN! (to maw)
maw.3 out = any.2 out

step 370 IN! (to maw)
maw.3 out = any.2 out

right 0 head 90 tail 90
T74.4 (end) 31.3

step 370 IN! (to maw)
maw.3 out = any.2 out

step 135 (to pie)
pie 8 in = ale 4 out

step 135 (to pie)
pie 8 in = ale 4 out

left 5 head 117 tail 67
T75.1 (silver 28 3/4) 28.7

step 135 (to pie)
pie 8 in = ale 4 out

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step 384 (to pod)
pod 8 in = any 5 out

step 384 (to pod)
pod 8 in = any 5 out

left 17 head 123 tail 70
T75.2 (black 9 3/4) 28.8

step 384 (to pod)
pod 8 in = any 5 out

step 323 (to lop)
lop 6 in = pit 1 in

step 323 (to lop)
lop 6 in = pit 1 in

left 16 head 90 tail 90
T75.3 (black 40 3/8) 30.4

step 323 (to lop)
lop 6 in = pit 1 in

step 355 IN! (to mat)
mat.1 out = map.2 out

step 355 IN! (to mat)
mat.1 out = map.2 out

right 8 head 112 tail 114
T75.4 (end) 31.5

step 355 IN! (to mat)
mat.1 out = map.2 out