



| variables: plunger | technique | sell juicer | sell plunger | outcome: objects | monetary ^c | 2nd juicer ^D |
|-----------------------|---------------------------|-------------|--------------------------|---------------------------|-----------------------|-------------------------|
| none | | no | | juicer, no plunger | -5 | +17 |
| none | | yes, +30 | | no juicer, no plunger | +25 ^I | |
| original part, -15 | | yes, +30 | no | no juicer, oem plunger | +10 | +17 |
| original part, -15 | | yes, +30 | yes, +10 ^A | no juicer, no plunger | +20 | +12 |
| original part, -15 | | no | no | juicer, oem plunger | -20 | +12 |
| original part, -15 | | no | yes, +15 ^B | juicer, no plunger | -5 | +17 |
| replica | scrap wood, hand tools | yes, +30 | no | no juicer, diy plunger | +25 | +17+z |
| replica | scrap wood, hand tools | yes, +30 | yes, +z | no juicer, no plunger | +25+z ^{II} | |
| replica | scrap wood, hand tools | no | no | juicer, diy plunger | -5 ^{III} | |
| replica | scrap wood, hand tools | no | yes, +z | juicer, no plunger | -5+z | |
| replica | wood, 4-axis cnc, -20 | yes, +30 | no | no juicer, cnc plunger | +5 | -3+y |
| replica | wood, 4-axis cnc, -20 | yes, +30 | yes, +y | no juicer, no plunger | +5+y | |
| replica | wood, 4-axis cnc, -20 | no | no | juicer, cnc plunger | -5 | |
| replica | wood, 4-axis cnc, -20 | no | yes, +y | juicer, no plunger | -25+y ^{IV} | |
| replica | 3d pla print, -10 | yes, +30 | no | no juicer, pla plunger | +15 | +22-x |
| replica | 3d pla print, -10 | yes, +30 | yes, +10-x | no juicer, no plunger | +25-x ^V | +17-x |
| replica | 3d pla print, -10 | no | no | juicer, pla plunger | -15 | +17-x |
| replica | 3d pla print, -10 | no | yes, +15-x | juicer, no plunger | ±0-x ^{VI} | +22-x |

^A typical price differential for inclusion of oem plunger in sale of braun mp50u juicer

^B typical price of oem plunger sold separately from juicer

^C all scenarios include -5 starting cost for initial juicer purchase in december 2020

^D assuming sale of juicer and plunger (if extant) after purchase of 2nd juicer (model mp50, -8 cost) in december 2021. add +40 in event of sale of 2nd juicer

^I op=op

^{II} the golden path

^{III} minimum viable product

^{IV} the "margiela option"

^V the steady hand

^{VI} ripple in still water

x = value lost over finishing deficiencies compared to original part

y = value of cnc wood part, potentially higher than original part based on tactile and aesthetic qualities as well as the association with existing design object

z = value of diy wood part, expected value less than y (but who's to say?)

replacing the missing piece xander maclaren, 2022