# `diamonds` data

- **~54,000** round diamonds
- **4 C's :** carat, color, clarity, cut
- **Measurements:** Depth, table, length, width, height
- **Price**

https://commons.wikimedia.org/wiki/File:Diamonds.jpg

**Measurements:**

Depth,

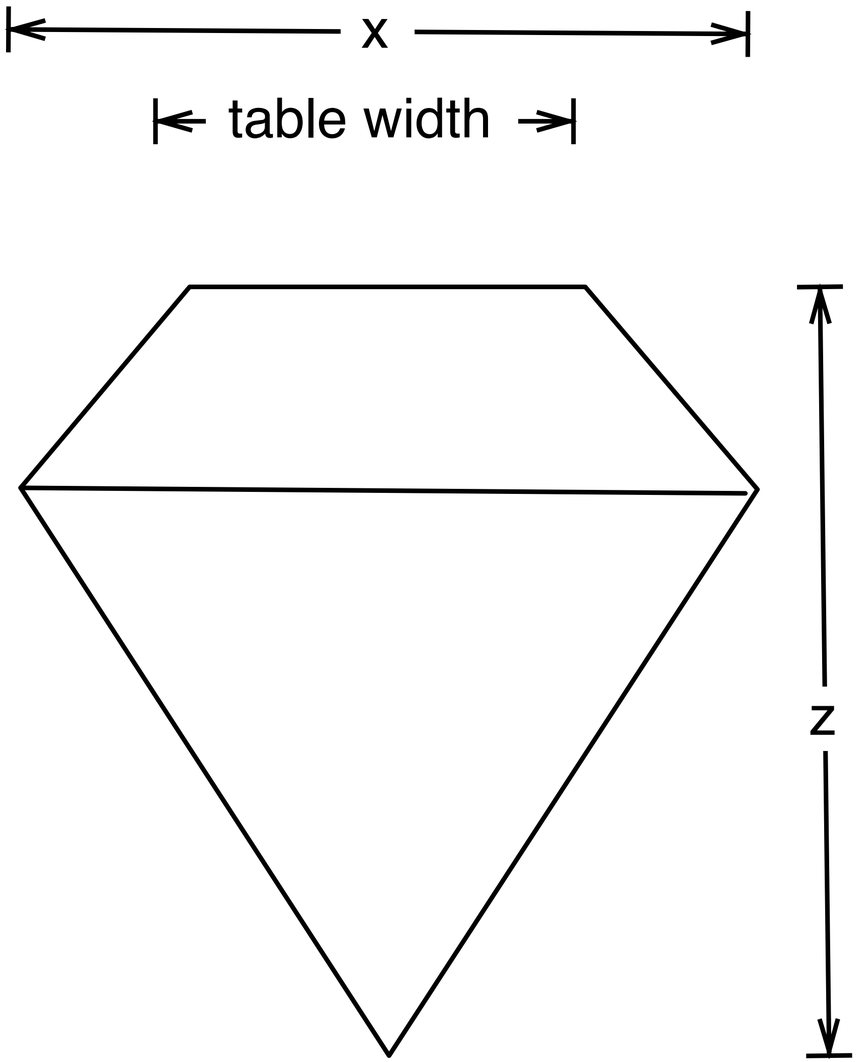
table,

length (x),

width (y),

height (z)

| depth <dbl> | table <dbl> | price <int> | x <dbl> | y <dbl> | z <dbl> |
|---|---|---|---|---|---|
| 61.5 | 55.0 | 326 | 3.95 | 3.98 | 2.43 |
| 59.8 | 61.0 | 326 | 3.89 | 3.84 | 2.31 |
| 56.9 | 65.0 | 327 | 4.05 | 4.07 | 2.31 |
| 62.4 | 58.0 | 334 | 4.20 | 4.23 | 2.63 |
| 63.3 | 58.0 | 335 | 4.34 | 4.35 | 2.75 |
| 62.8 | 57.0 | 336 | 3.94 | 3.96 | 2.48 |




depth = z / diameter
table = table width / x * 100