sqrt

double → $\sqrt{x}$ → double

| Trial 1 ❌ | Trial 2 ✅ | | Trial 1 ❌ | Trial 2 ✅ |

2.18

2.94   2.94

$\times 10$ $\times 10$ $\times 100/5$

2.18   21.8   29.4   58.8

rint   rint   rint   rint

2.0   22.0   29.0   59.0

$/10$ $/10$ $/100 \times 5$

2.2   2.9   2.95

```
void srand(unsigned int x);
```

srand(x)

x = 1 →

| Seed 0 | Seed 1 | Seed 2 | Seed 1289 | Seed 1 |

Seed 0: 520932930 → 28925691 → 822784415 → 66433441

Seed 1: 16807 → 282475249 → 1622650073 → 2007237709

Seed 2: 33614 → 564950498 → 1097816499 → 1866991771

Seed 1289: 21664223 → 1185859618 → 2094355566 → 1759095913

Seed 1: 16807 → 282475249 → 1622650073 → 2007237709

1st call   rand → 16807

2nd call   rand → 282475249

3rd call   rand → 1622650073

srand(1)

4th call after reinitializing pseudo-random number generator   rand → 16807