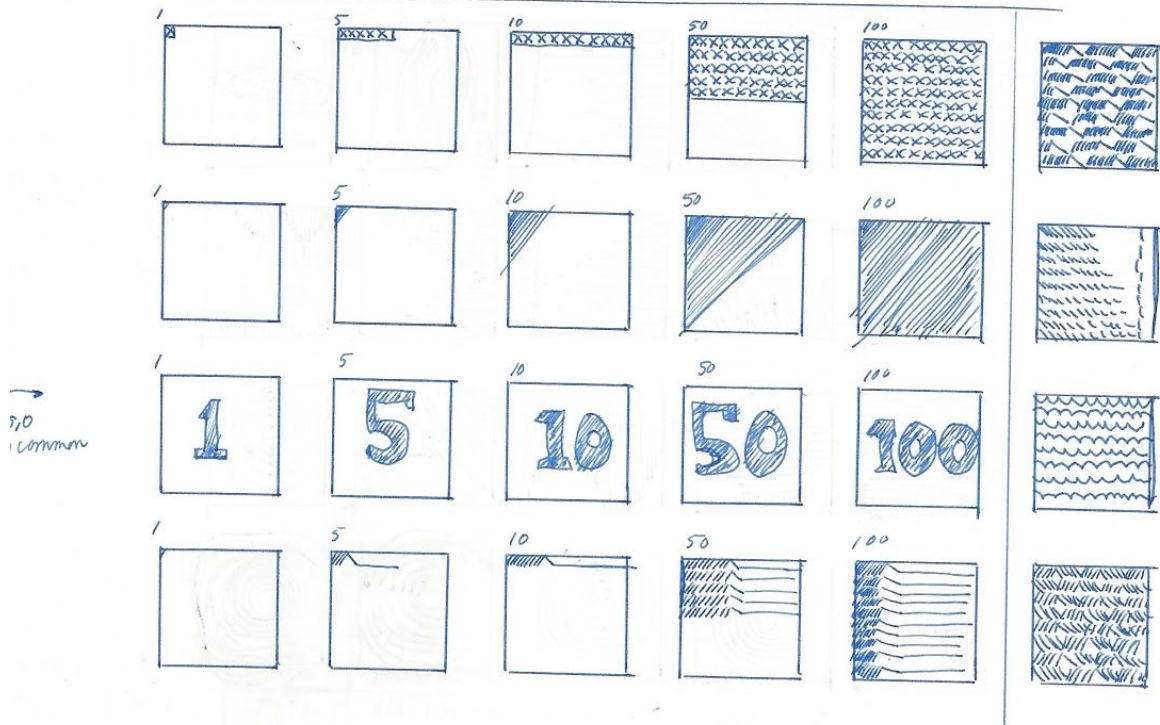
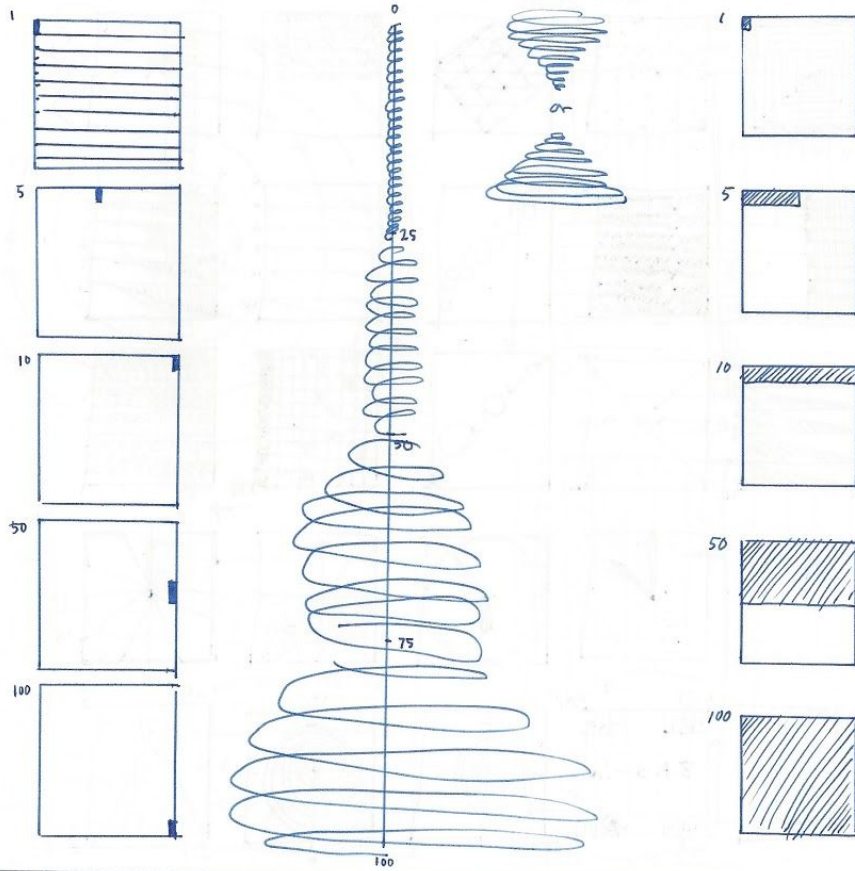
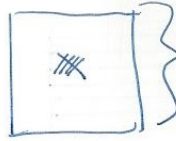
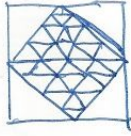
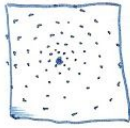


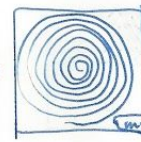
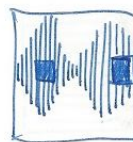
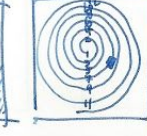
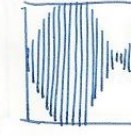
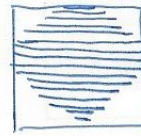
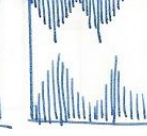
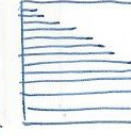
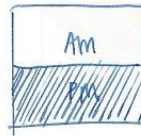
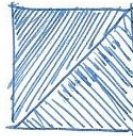
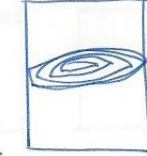
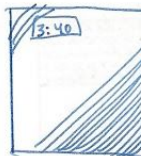
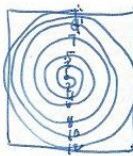
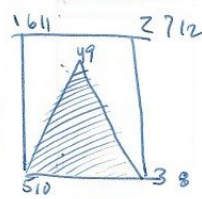
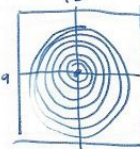
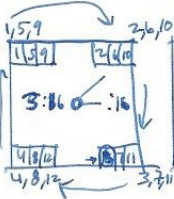
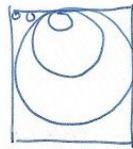
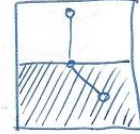
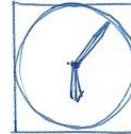
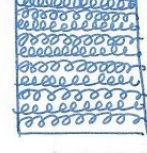
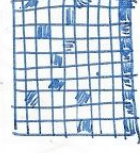
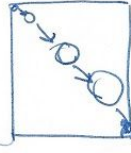
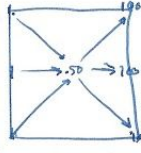
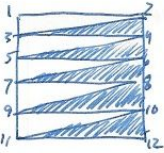
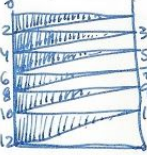
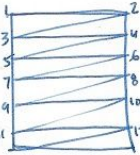
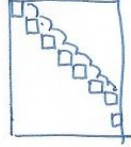
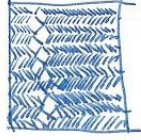
Lee Kuczewski
 9/10/19
 Week 2 Sketches
 Data Visualization & Aesthetics

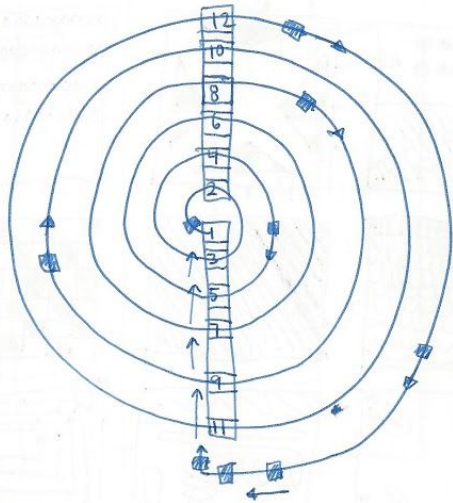


10

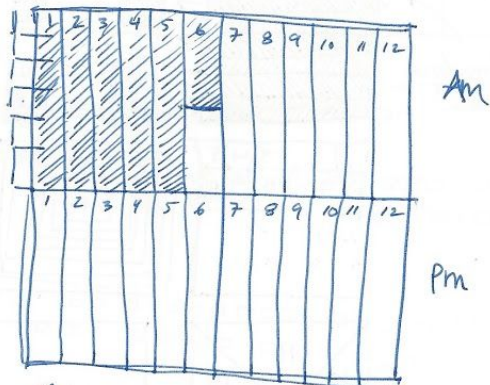
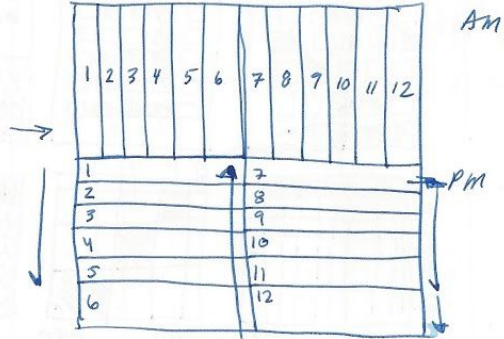


1 = 1
5 = 7/8
0 = 0





Hours → 24
 Minutes → 1440
 Seconds → 86,400 Seconds.



60 Sec = 1 min.
 3600 Sec = 1 hour
 86,400 Sec = 1 DAY or 24 Hrs.
 1 DAY = 24 Hours.
 365 DAYS = 8760 Hours.
 76.1 yrs = 666,636 Hours.
 81.1 yrs = 710,436 Hours.
 1 yr = 31,536,000 Secs.
 525,600 minutes per year

Approximately:
 2,592,000 Secs. pass in 1 month.
 31,536,000 Secs. pass in one year.

6:30 AM = 390 mins HAVE PASSED.
 23,400 SECS.

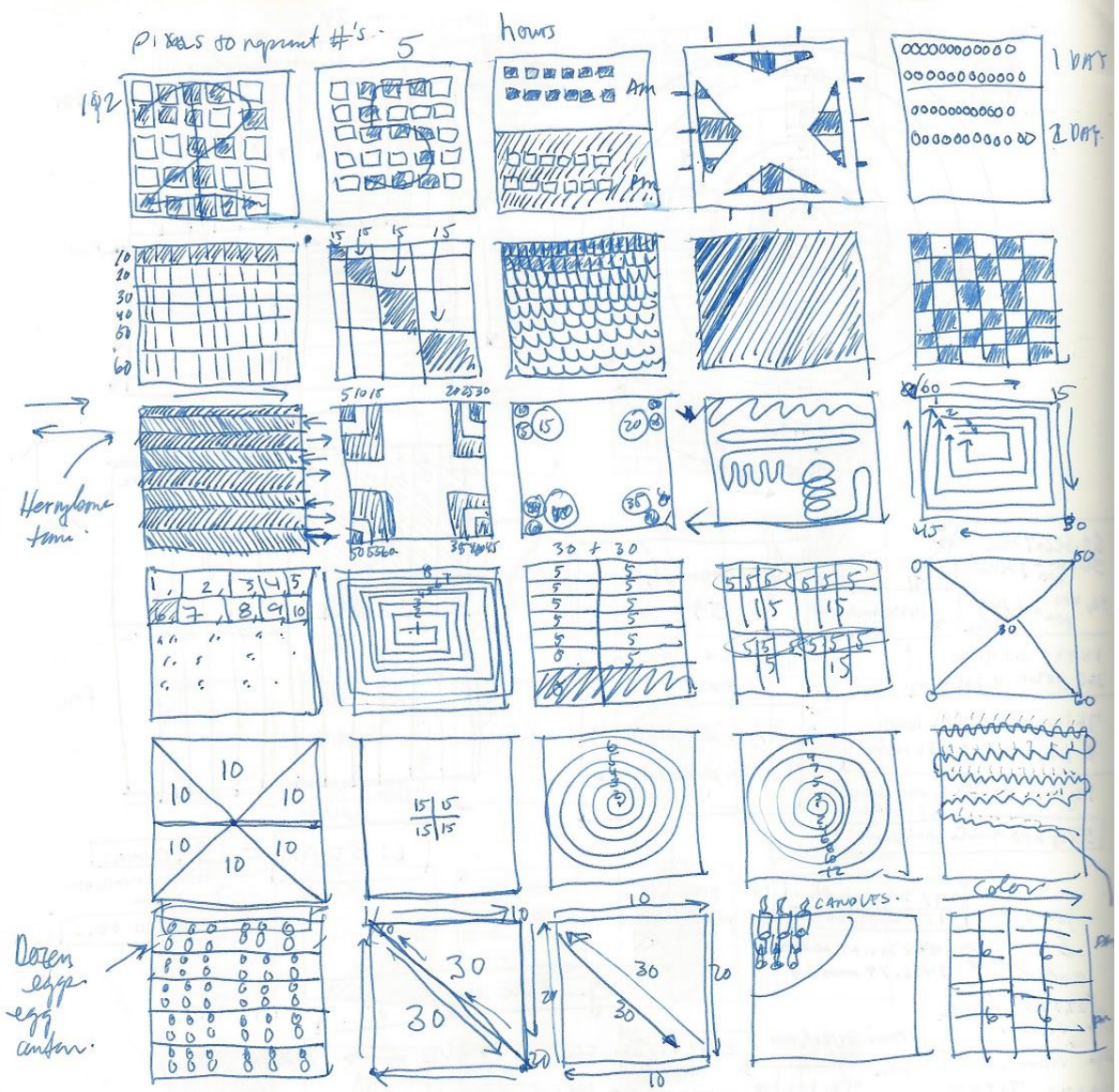
76.1 yrs. → 913.2 months
 81.1 yrs. → 973.2 months
 M 2314.71 months
 F 2466.79 months
 27,776.5 666,636
 29,601.5 710,436

Avg. life expectancy in U.S.

MALE → 76.1
 FEMALE → 81.1
 Minutes Remaining
 @ age 50
 MALE
 FEMALE

put in your age.
 37

| years | months | Days | Hours | mins | Secs. |
|-------|--------|----------|---------------|------------|---------------|
| 76.1 | 913.2 | 27,776.5 | 666,636 hours | 39,998,160 | 2,399,889,600 |
| 81.1 | 973.2 | 29,601.5 | 710,436 hours | 42,626,160 | 2,557,569,600 |



How can we break up 60??

1×60 60×1 → 2×30 / 30×2
 3×20 20×3
 4×15 15×4 →
 5×12 12×5
 6×10 10×6
 10×6 6×10

what does this look like?

| | | | |
|---|----|----|---|
| 1 | 60 | 60 | 1 |
| 2 | 30 | 30 | 2 |
| 3 | 20 | 20 | 3 |
| 4 | 15 | 15 | 4 |
| 5 | 12 | 12 | 5 |
| 6 | 10 | 10 | 6 |

Random # generator

| 60 SECS. | |
|----------|------|
| 1 | x 60 |
| 2 | x 30 |
| 3 | x 20 |
| 4 | x 15 |
| 5 | x 12 |
| 6 | x 10 |

| 60 mins | |
|---------|------|
| 1 | x 60 |
| 2 | x 30 |
| 3 | x 20 |
| 4 | x 15 |
| 5 | x 12 |
| 6 | x 10 |

| 24 hours | |
|----------|------|
| 1 | x 24 |
| 2 | x 12 |
| 3 | x 8 |
| 4 | x 6 |

| 12 Hours | | any pm |
|----------|------|--------|
| 1 | x 12 | |
| 2 | x 6 | |
| 3 | x 4 | |

Sec/mins

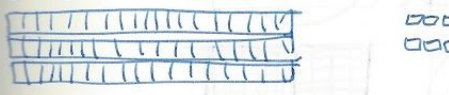
1 x 60 →



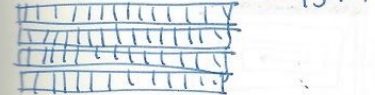
2 x 30



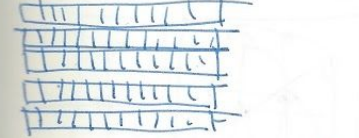
3 x 20



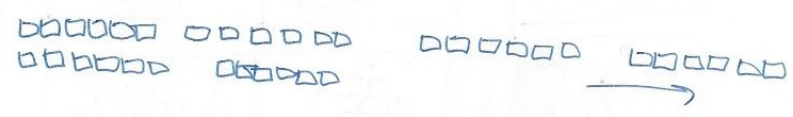
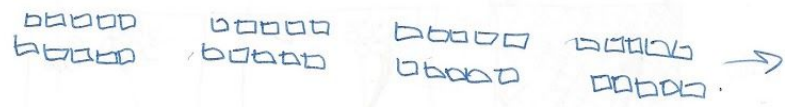
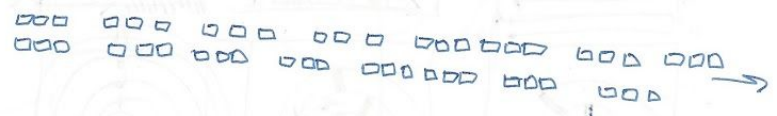
4 x 15



5 x 12



6 x 10

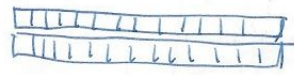


Hours

24 → 1 x 24



24 → 2 x 12



3 x 8



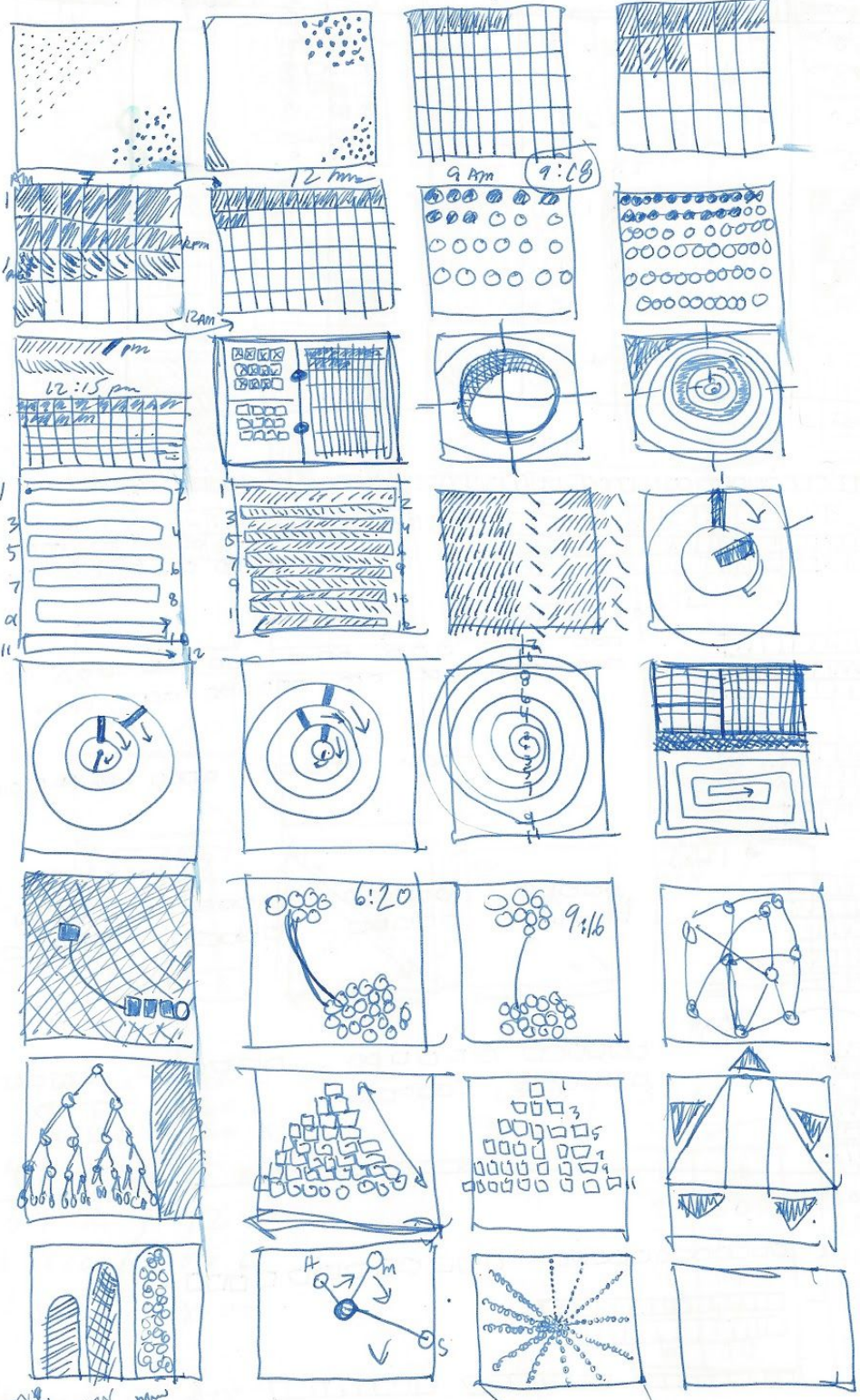
4 x 6



7:12

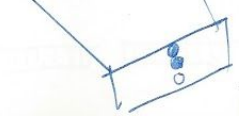
7 Sec. / 7 min

9 AM



1:30

Work Date
How
Mm



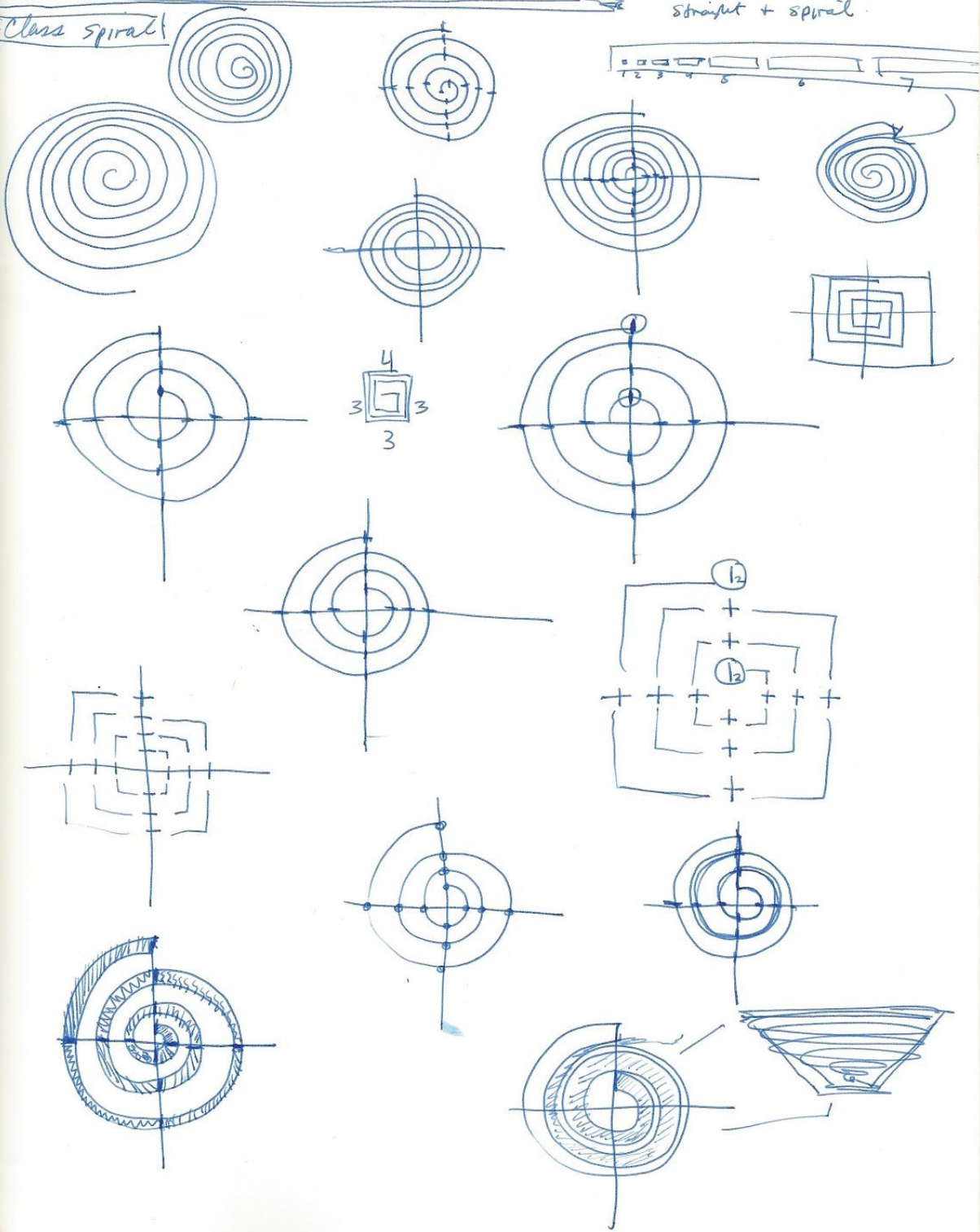
what are the digits we must account for?

- 1 → 60 sec.
- 1 → 60 min.
- 1 → 12 Hours. P.M.
- 1 → 12 Hours a.m.

small radii



Class spirals



straight + spiral