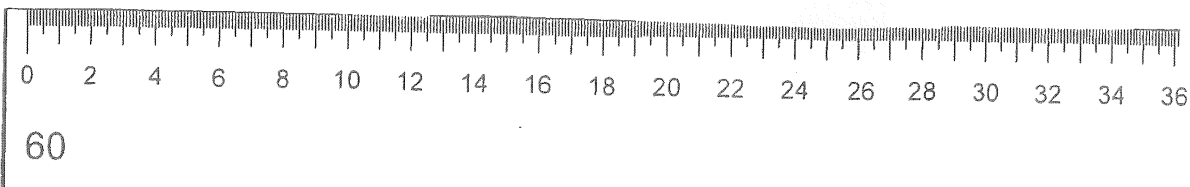
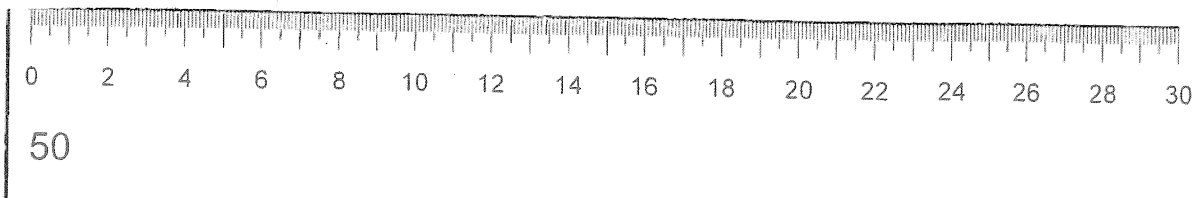
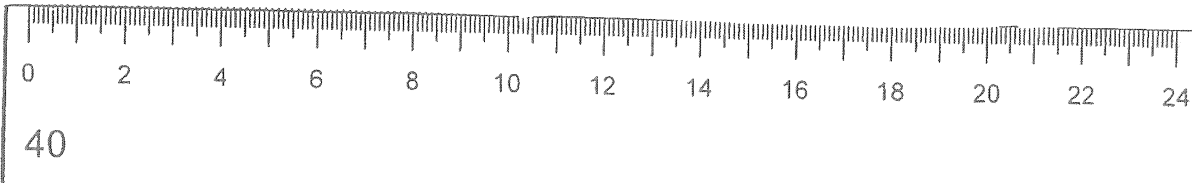
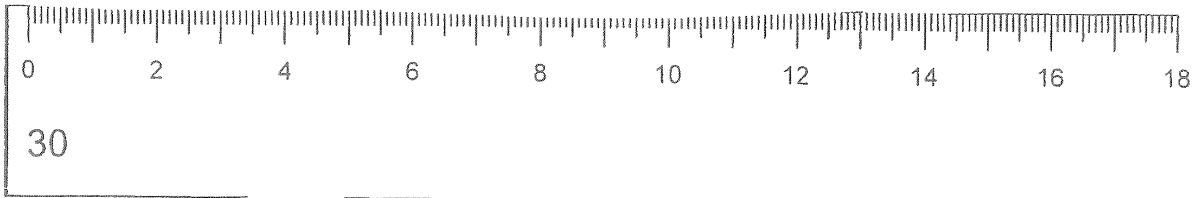
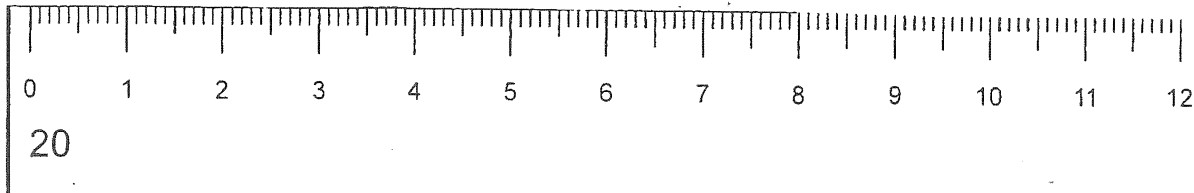
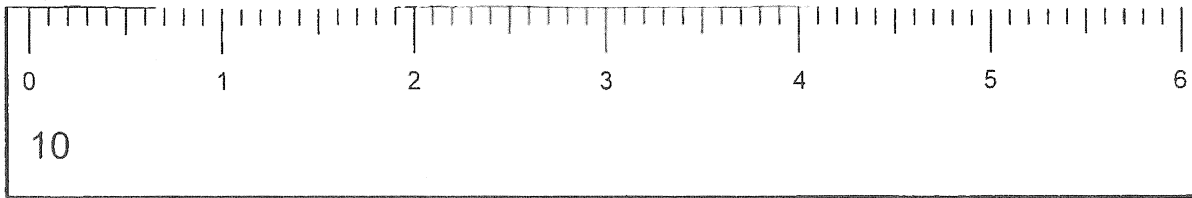
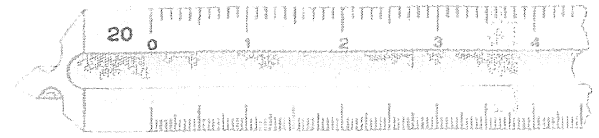


How to use an Engineer's Scale

| CIVIL ENGINEER'S SCALE | | | | | |
|------------------------|-------|--------------------------------|---------|----------|-----------|
| Divisions | Ratio | Scales Used with This Division | | | |
| 10 | 1:1 | 1" = 1" | 1" = 1" | 1" = 10' | 1" = 100' |
| 20 | 1:2 | 1" = 2" | | 1" = 20' | 1" = 200' |
| 30 | 1:3 | 1" = 3" | | 1" = 30' | 1" = 300' |
| 40 | 1:4 | 1" = 4" | | 1" = 40' | 1" = 400' |
| 50 | 1:5 | 1" = 5" | | 1" = 50' | 1" = 500' |
| 60 | 1:6 | 1" = 6" | | 1" = 60' | 1" = 600' |

- 2 miles
- 200'
- 20'
- 20"
- 2"
- 1"
- 1" = 2 miles
- 1" = 200'
- 1" = 20'
- 1" = 20 scale or .05 scale
- Half scale
- Full scale



How to use this ruler:

* Print out at 100% scale or "actual size" (do not use "fit to page") on 8-1/2" x 11" paper