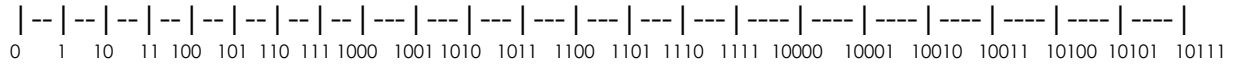


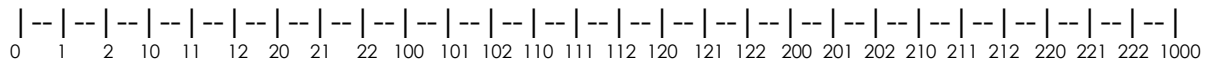
Math4010 Final Exam Reference Sheet

Base Number Lines

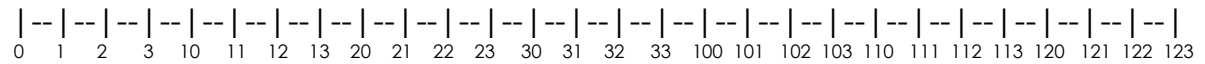
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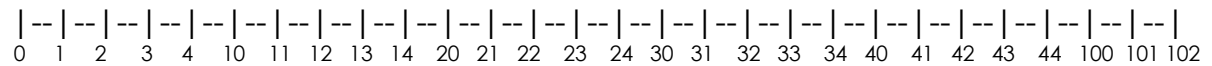
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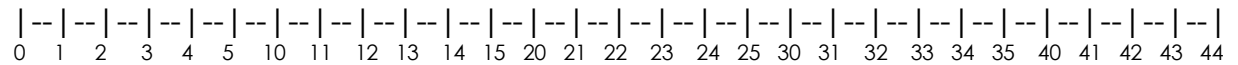
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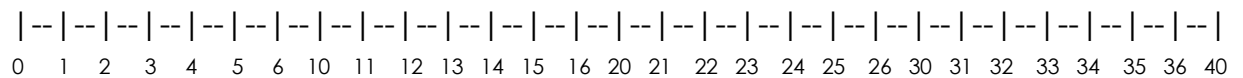
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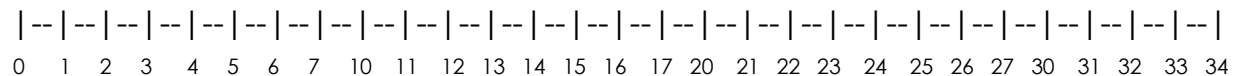
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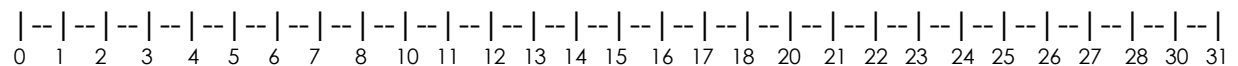
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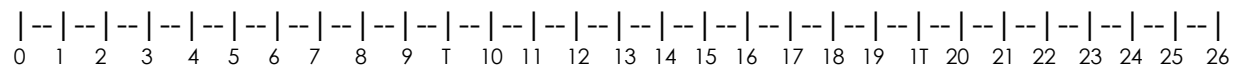
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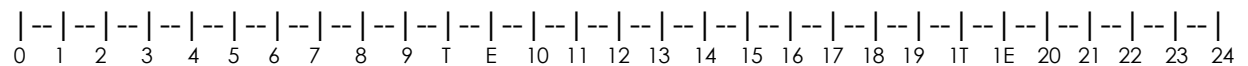
Base 9:



Base 11:



Base 12:



Base Place Values (given in base 10 numbers)

Base 2: 512 256 128 64 32 16 8 4 2 1

Base 3: 729 243 81 27 9 3 1

Base 4: 1024 256 64 16 4 1

Base 5: 3125 625 125 25 5 1

Base 6: 7776 1296 216 36 6 1

Base 7: 16807 2401 343 49 7 1

Base 8: 32768 4096 512 64 8 1

Base 9: 6561 729 81 9 1

Base 11: 14641 1331 121 11 1

Base 12: 20736 1728 144 12 1