



# Teaching and Learning of the Nemeth Braille Code

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- Tactile Diagrams in Nemeth Code
  - When to use Numeric Indicators
  - Clock
  - Money
  - Line Plot
  - Pictograph



# Numeric Indicator

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## Omit

- Measuring tools
  - Barometer
  - Ruler
  - Protractor
  - Thermometer
  - Beaker
- Number lines
- Line plots
- Cartesian graphs
- Clocks

## Include

- Pie charts
- Histograms
- Bar graphs
- Line graphs
- Scatter plots
- Pictographs
- Time lines
- Latitude/Longitude



# Digital Clocks

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12:00  
12:00  
12:00



# Money – no tactile

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- When identification of coins or bills and their values is being taught
  - do not illustrate images on coins or bills
  - real coins and bills should be used in class
- Use a transcriber's note to tell how many twenty-dollar bills, ten-dollar bills, quarters, dimes, nickels, and pennies.



# Key for Money

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## Bills

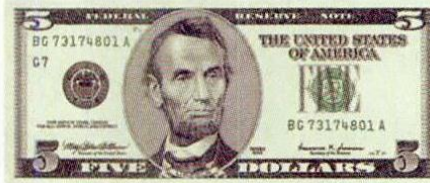
- \$1 for one dollar
- \$5 for five dollar

## Coins

- pn penny
- nk nickel
- dm dime
- qr quarter
- hl half-dollar

Write the total value in dollars and cents.

# Example



\$5.00,

\$5.25, \$5.35, \$5.40, \$5.45, \$5.46

Braille representation of the example problem: \$5.00, \$5.25, \$5.35, \$5.40, \$5.45, \$5.46

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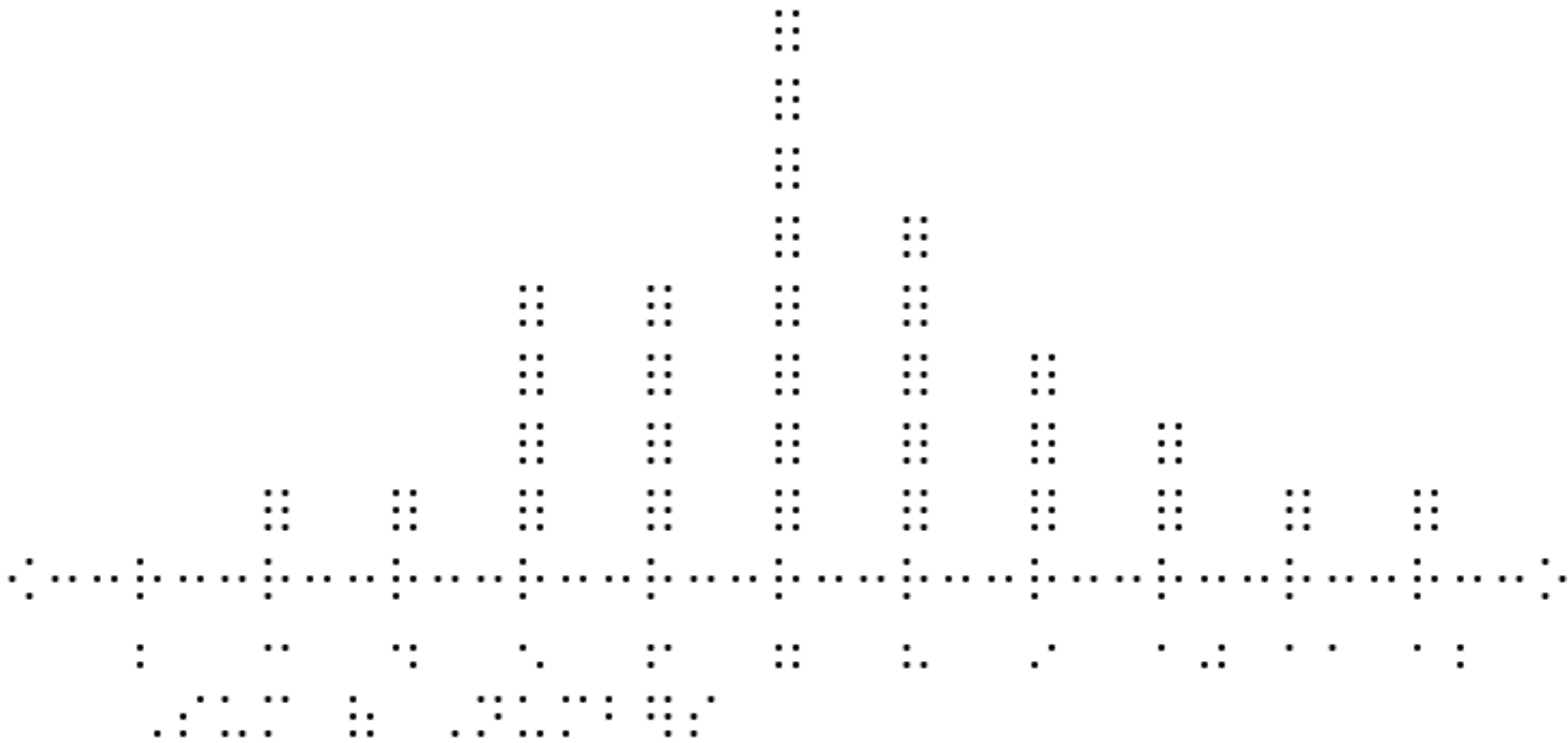
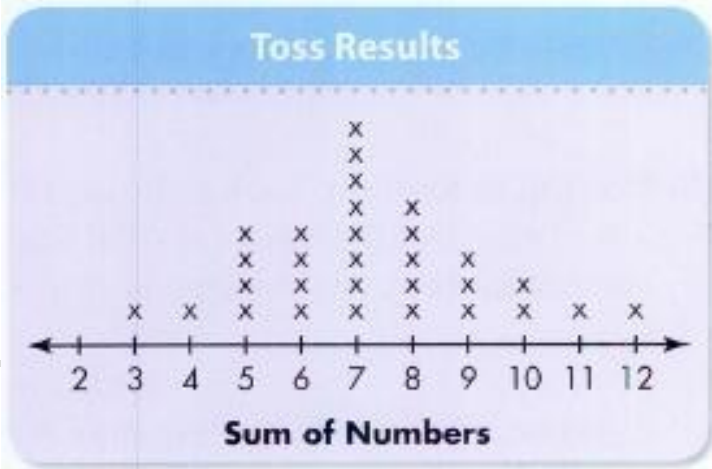


# Line Plots

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- Line plots are a series of dots or x's above a number line.
- Follow the number line rules
- Use full cells for the dots or x's
  - Include a TN about the change

# Example







# Pictographs – Embossed

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- shapes must be whole or half
- ∴ represents a whole unit
- ∴ represents a half unit
- pictograph in boxes may retain the top and bottom lines

# Example

## Tri-Town Sports Center Number of Hours Lights Are on Each Week

Exercise Room



Locker Room




Swimming Pool



Tennis Court



Each  = 10 hours. Each  = 5 hours.

