



Non-Standard Measurement

GRADE 1 MATH

To listen to Mrs. Unrau explain this lesson,
click play on the speaker in the corner on each page
or choose play slideshow.



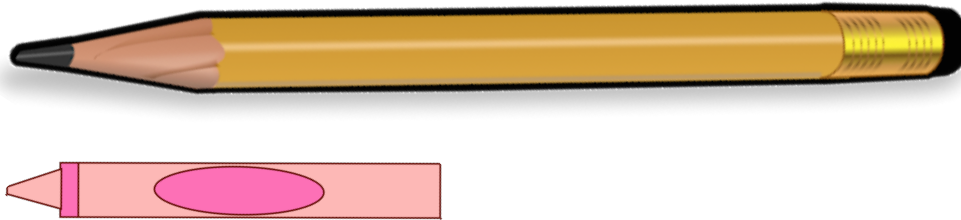
What does measurement mean?

- Measurement is used to find out the size of an object or how much an object can hold.
- You measure to compare objects. You can do this using height, length, width, capacity, area, or weight.



Length

- Length means how long or short something is.



- The pencil is **longer** than the crayon.
- The crayon is **shorter** than the pencil.



Height

- Height means how tall or short an object is.



- The first elephant is the **tallest**.
- The third elephant is the **shortest**.
- The second elephant is **shorter** than the first elephant and **taller** than the third.



Capacity

- Capacity means how much of something an object can hold.



- The bucket **holds more** water than the cup.
- The cup **holds less** water than the bucket.



Area

➤ Area means how much space an object takes up.



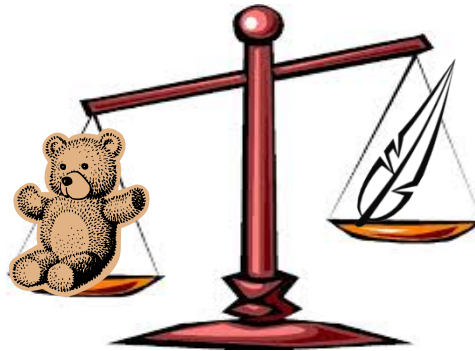
➤ The red star **covers more** of the happy face than the green star.

➤ The green star **covers less** of the happy face than the red star.



Weight

➤ Weight means how heavy or light an object is.



➤ The teddy bear is **heavier** than the feather.

➤ The feather is **lighter** than the teddy bear.



Non-Standard Measurement

- In grade one, we measure using **non-standard measurement**.
- That means we don't use things like rulers, tape measures, or measuring cups.
- **Nonstandard units of measurement** are units that aren't typically used, such as a pencil, blocks, paper clips, or a shoe. You can measure with almost anything!



Non-Standard Measurement

- Click the link below to watch a video about measuring using non-standard units!
- **[Introduction to Nonstandard Measurement for Kids: Using Paper Clips to Measure](#)**

If the link does not work, type the title into YouTube to find the video.

