



NAME \_\_\_\_\_

DATE \_\_\_\_\_

## RELATE ADDITION AND SUBTRACTION LENGTHS

Concrete to abstract measuring the lengths of string using measurement tools represent length with tape diagrams to represent and compare lengths.

- 1) Complete the chart by first estimating the measurement around a classmate's body part then find the actual measurement with a meter tape.

| Student name | Body part measured | Estimated measurement in centimeters | Actual measurement in centimeters |
|--------------|--------------------|--------------------------------------|-----------------------------------|
|              | Neck               | 28                                   | 25                                |
|              | Wrist              | 10                                   | 9                                 |
|              | Head               | 38                                   | 36                                |

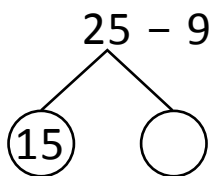
- a) Which was longer, your estimate or the actual measurement around your classmate's head? \_\_\_\_\_.
- b) Draw a tape diagram to compare two actual lengths from your chart?

The actual length of the neck = \_\_\_ centimeters.

The actual length of the wrist = \_\_\_ centimeters.

Comparing the measurements =  $25 - 9 =$  \_\_\_ centimeters.

**By number bond:**



$$15 + \_ = 16.$$

(OR)

**By tape diagram:**

|    |      |  |     |  |
|----|------|--|-----|--|
| 25 | - 10 |  | + 1 |  |
|    |      |  |     |  |

The difference between lengths of the neck and wrist of the boy = \_\_\_ centimeters.

The length of the neck is \_\_\_\_\_ than the length of the wrist.