



NAME _____ DATE _____

MEASURE AND COMPARE LENGTHS BY UNITS

Measure and compare lengths using centimeters and meters.

- 1) The cricket hopped a distance of 52 centimeters. The grasshopper hopped 19 centimeters farther than the cricket. How far did the grasshopper jump?

Solution:

The cricket hopped a distance of ___ centimeters.

The grasshopper hopped more than the cricket ___ centimeters.

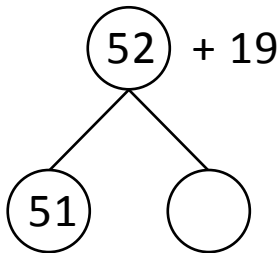
The grasshopper hopped a distance = $52 + 19 =$ ___ centimeters.

By arrow way:

$$52 \xrightarrow{+10} \underline{\quad} \xrightarrow{+10} \underline{\quad} \xrightarrow{-1} \underline{\quad}$$

(OR)

By number bond:



$$51 + \underline{\quad} = \underline{\quad} \text{ centimeters.}$$

- 2) The David hopped a distance of 63 centimeters. The William hopped 17 centimeters farther than the David. How far did the William jump?

Solution:

The David hopped a distance of ___ centimeters.

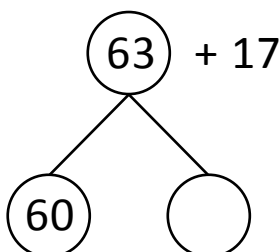
The William hopped a distance = $63 + 17 =$ ___ centimeters.

By arrow way:

$$63 \xrightarrow{+10} \underline{\quad} \xrightarrow{+10} \underline{\quad} \xrightarrow{-3} \underline{\quad}$$

(OR)

By number bond:



$$60 + \underline{\quad} = \underline{\quad} \text{ centimeters.}$$