MEASURE AND COMPARE LENGTHS BY UNITS

Measure and compare lengths using centimeters and meters.

Example:

Daniel measured the heights of some young trees in the orchard. He is trying to find out how many more centimeters are needed to have a height of 1 meter?

90 centimeters + <u>10</u> centimeters = 1 meter.

80 centimeters + <u>20</u> centimeters = 1 meter.

85 centimeters + <u>15</u> centimeters = 1 meter.

81 centimeters + <u>19</u> centimeters = 1 meter.

What do you notice?

1 meter = <u>100</u> centimeters.

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1) Carol's ribbon is 76 centimeters long. Alice's ribbon is 1 meter long. How much longer is Alice's ribbon than Carol's?

Solution:

Carol's ribbon is ____ centimeters long.

Alice's ribbon is ___ meters long.

1 meter = _____ centimeters.
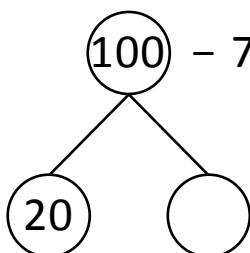
Alice's ribbon is _____ centimeters.

Alice's ribbon longer than Carol's 100 − 76 = ____ centimeters.

By arrow way:

$$100 \xrightarrow{-70} \underline{\quad} \xrightarrow{-1} \underline{\quad} \xrightarrow{-5} \underline{\quad}$$

(OR)

By number bond:

(100) − 76

(20)   ( )

20 + __ = ____ centimeters.

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