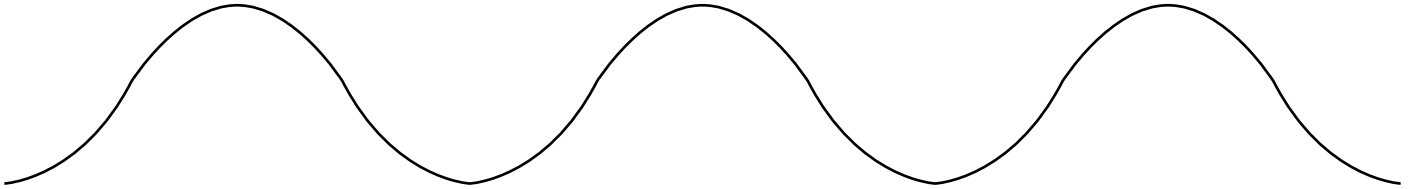NAME _____ DATE _____

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) Estimate the length of the line below in centimeters.

This line is about ___ centimeters. (Estimated)

Use your piece of string to measure the length of the line. Then measure the string with your ruler.

The actual length of the line is ___ centimeters.

Draw a tape diagram to compare your estimation and the actual length of the line. Comparison between the measurements of actual length and estimation.

35	– 5		– 1	

___ centimeters difference between the actual length and estimation
= 35 − 29 = ___ centimeters.

Note: (The values may be changed according to your measurements the lines you have taken)

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2) Kim is decorating a table for a party. Measure the ribbon she is using to decorate.

The ribbon is ___ centimeters long.

Kim needs 1 meter of ribbon. How much more ribbon does Kim need than what she has? ___ centimeters long.

1 meter = ____ centimeters.

Required more = 100 − 35 = ___ centimeters.

By arrow way:

$$100 \xrightarrow{-10} \underline{} \longrightarrow \underline{80} \longrightarrow \underline{70} \xrightarrow{-10} \underline{} \xrightarrow{+5} \underline{65}$$

EDUBUZZ KIDS