

NAME

# **MEASUREMENTS OF DIFFERENT OBJECTS**

#### Solve using tape diagrams. Use a symbol for the unknown.

1) Frankie has a 64 - inch piece of rope and another piece that is 18 inches shorter than the first. What is total length of both ropes?

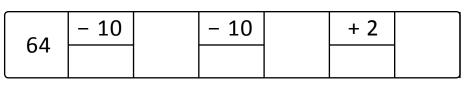
#### Solution:

Frankie has a \_\_\_\_\_ inches piece of rope.

Another piece that is \_\_\_\_\_ inches shorter than the first.

Length of another piece =  $\_\_$  –  $\_\_$  =  $\_\_$ .

#### By using tape diagram:



Total length of both ropes = \_\_\_\_ + \_\_\_\_ = \_\_\_\_.

### By using tape diagram:

64	74		84		94		104	+ 6	
	74								

2) Maria had 96 inches of ribbon. She used 36 inches to wrap a small gift and 48 inches to wrap a larger gift. How much ribbon is left with her?

**Solution:** Maria had \_\_\_\_\_ inches of ribbon.

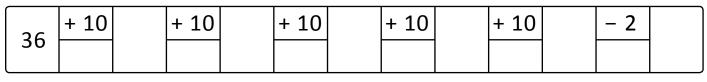
She used \_\_\_\_\_ inches to wrap a small gift.

And also used \_\_\_\_\_ inches to wrap a larger gift.

Remaining ribbon left with her = ( $\Box$ )

Ribbon used for both gifts = 36 + 48 = \_\_\_\_

## By using tape diagram:



(Subtracting 4 from both numbers)

