

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?

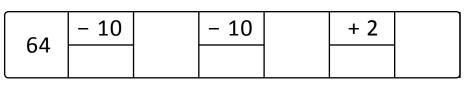
Solution:

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.

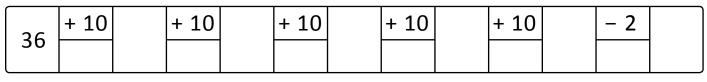
She used _____ inches to wrap a small gift.

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)

