

The ruler in this picture is _____ inches long.

Line _____ above the ruler is 2 inches long.

Which line is 4 inches long? _____

How long is line B? _____

Line C is _____ inches shorter than line A.

How much shorter is line C than line B? _____

4

C

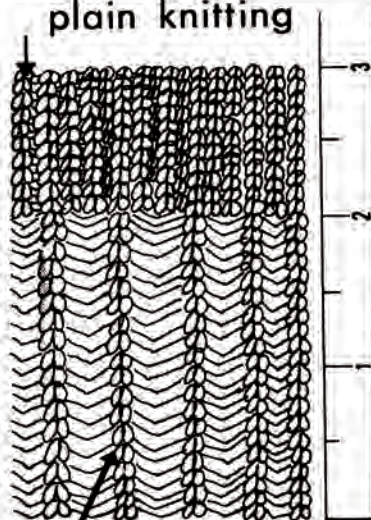
A

3 inches

2

1 inch

plain knitting



waistband

Jane has knitted part of a sweater for her baby sister. First she knitted a ribbed waistband. The sweater's waistband is _____ inches long.

Above the waistband, Jane must do 8 inches of plain knitting before beginning the sweater's armholes. Has she finished all 8 inches of plain knitting? _____

How many inches of knitting has Jane done in all? _____

How many inches of plain knitting has Jane done above the waistband? _____

How many inches of plain knitting does Jane still have to do? _____

By the time Jane starts the armholes, how many inches will she have knitted in all? _____

2

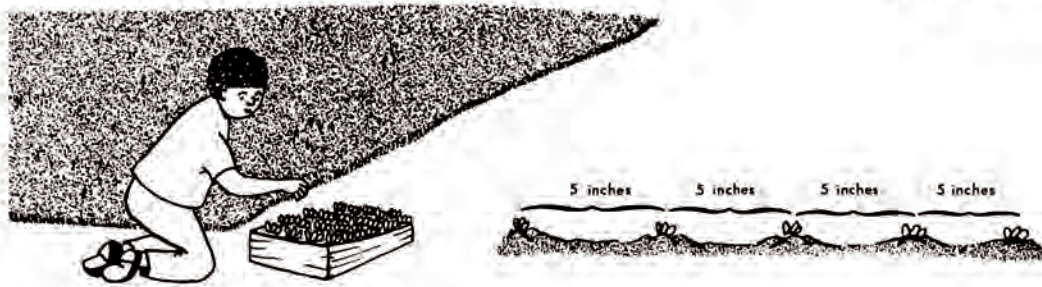
no

3

1 (3 - 2)

7 (8 - 1)

10 (8 + 2)



Jim is putting in some petunia plants for his mother. She has told him to leave 5 inches between plants. He has already planted the first row of petunias. It is _____ inches long.

How many plants are there in the first row? _____

How many spaces are there between the plants? _____

In any row, there will always be _____ less space than there are plants.

The second row will be 30 inches long. Let's see how many petunias Jim can put in if he still leaves 5 inches between plants. First let's find the number of spaces between plants.

$$30 \div 5 = \underline{\hspace{2cm}}$$

Since there will always be 1 more plant than there are spaces, Jim can put _____ plants in the second row.

20 (4 x 5)

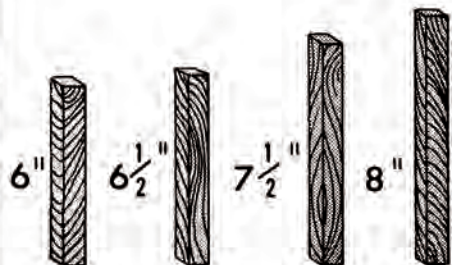
5

4

1

6

7



This drawing shows the 4 pieces of wood which Sam plans to use in making legs for a footstool. The 6-inch piece is just the right length. The other 3 pieces will have to be shortened.

How much will Sam have to cut off the $6\frac{1}{2}$ -inch piece to make it 6 inches long? _____

The $7\frac{1}{2}$ -inch piece is _____ inches too long.

The 8-inch piece is _____ inches too long.

$\frac{1}{2}$ of an inch

$1\frac{1}{2}$

2

2

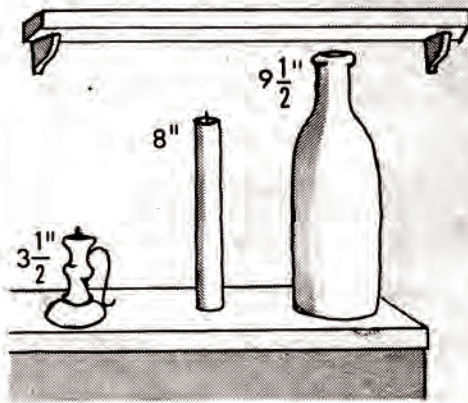


Mary thinks her new dress is 1 inch too short. The dress now has a 3-inch hem in it. If Mary lets the hem down 1 inch, a ___-inch hem will still be left in the dress.

Mary's mother thinks the dress is $1\frac{1}{2}$ inches too short. If Mary lets the hem down $1\frac{1}{2}$ inches, how much hem will still be left in the dress?

_____ "

$1\frac{1}{2}$ "



These 3 objects stand on a table top beneath a shelf. The candleholder is $3\frac{1}{2}$ inches tall. The candle is 8 inches tall, and the bottle is $9\frac{1}{2}$ inches tall.

The shelf under which the objects are standing must be more than _____ inches above the table top.

$9\frac{1}{2}$

The candle is _____ inches taller than the candleholder.
($8 - 3\frac{1}{2} \rightarrow 7\frac{2}{2} - 3\frac{1}{2} = ?$)

The bottle is _____ inches taller than the candle.

The bottle is _____ inches taller than the candleholder.

$4\frac{1}{2}$

$1\frac{1}{2}$

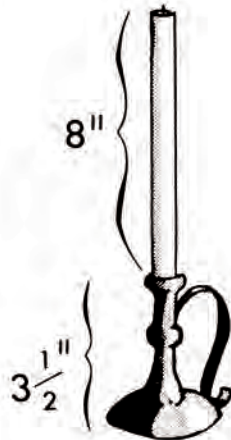
6

How tall would the candle and candleholder be if the candle were placed on the holder? _____ "

When we measure the height of the shelf, we find that the shelf is 10 inches above the table top. If the candle were placed on the holder, would it still fit under the shelf?

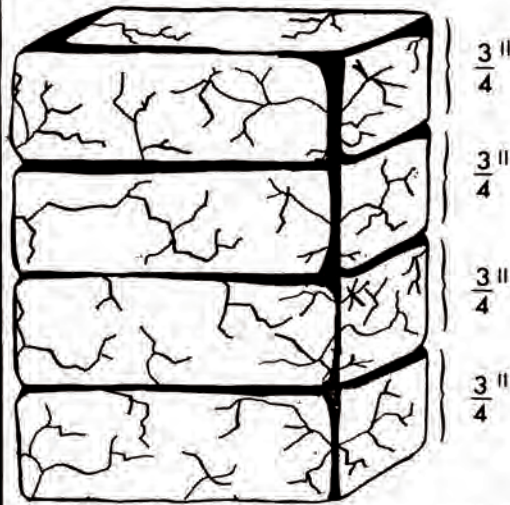
$11\frac{1}{2}$ "

no



If the shelf is 10 inches above the table top, the candle on the holder is _____ " too high to fit under the shelf.

$1\frac{1}{2}$ " ($11\frac{1}{2} - 10$)



Mike glued pieces of marble together to make this paperweight. Each separate marble piece is _____ of an inch high.

How many pieces of marble are there in the paperweight? _____

$\frac{3}{4}$

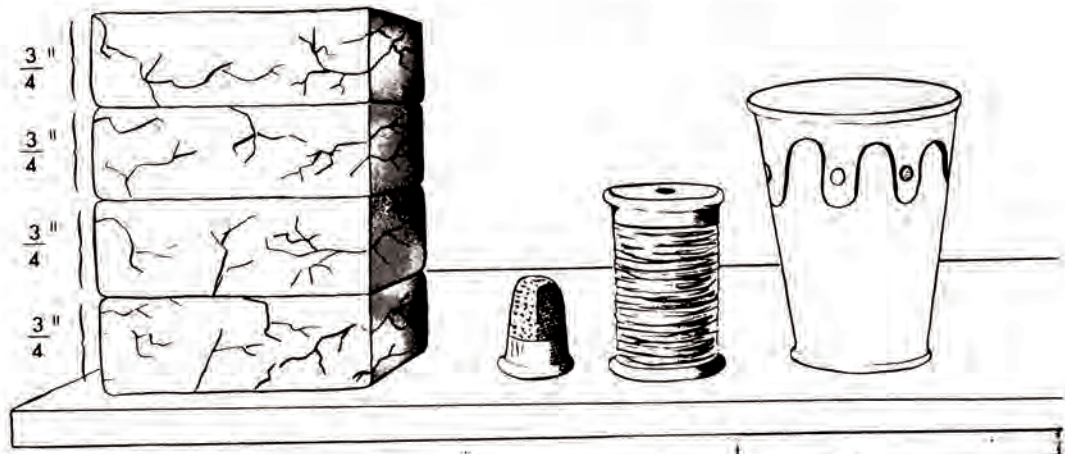
4

$\frac{12}{4}$ or 3

Mike wants to know how tall his paperweight is, but he has no ruler. He can find the answer by adding the 4 fractions together. The paperweight is _____ inches tall. ($\frac{3}{4} + \frac{3}{4} + \frac{3}{4} + \frac{3}{4} = ?$ or $?$)

Instead of adding, Mike could have found the height of the paperweight by multiplying $\frac{3}{4}$ times _____.

4



Mike's paperweight stands on a shelf beside 3 other objects. Which object is just $\frac{3}{4}$ of an inch tall?

- _____ the spool of thread
- _____ the thimble
- _____ the paper cup

the thimble

The spool of thread is $\frac{6}{4}$ inches or _____ inches tall.

The paper cup is _____ inches tall.

($3 \times \frac{3}{4} = ?$ or $?$)

$1\frac{2}{4}$ ($1\frac{1}{2}$)

$\frac{9}{4}$, or $2\frac{1}{4}$