


Simplified Special Duty Slide Rules are Easily Mastered

 You can Quickly become an adept—Just follow instructions

Instructions . . .

The first step in learning to operate a Slide Rule is to learn the value of the divisions between printed figures of each scale on the Rule. When you read an ordinary foot rule you find the feet divided into 12 inches and each inch divided into two halves, four quarters, 8 eighths and 16 sixteenths. Slide Rule Scales have their divisions according to the scale uses and all you need to do to find the value of any division between the printed figures on the scale is to count the divisions. For instance look at Scale 1 (Depth or Thickness in inches and feet) between

then opposite any length on scale 3 you are able to read the total cubic yards for that length of wall 9 inches thick, 18 feet high.

EXAMPLE 1: How many cubic yards of concrete in a wall 9" thick, 18' high and 50' long?

Answer: 25 cubic yards.

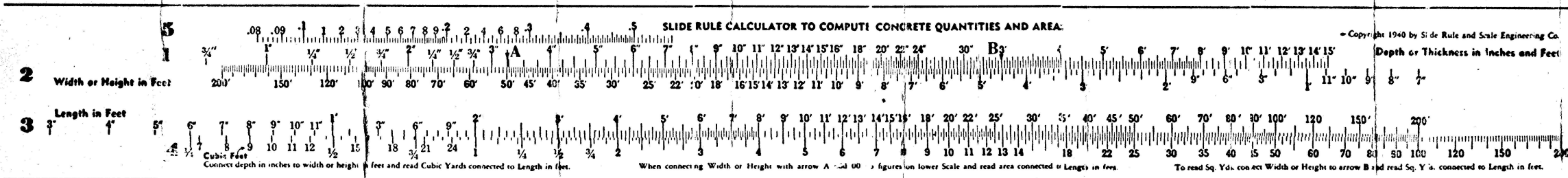
Solution: Find 9" on scale 1 connected to 18' on scale 2, then connected to 50' on scale 3 read 25 on scale 4.

EXAMPLE 2: How many cubic yards of concrete in a wall 12" thick, 13½' high and 25' long?

Answer: 12½ cubic yards.

also the large letter B to the right of 30" and next to 3' on scale 1. This setting is for square yard calculations. Note the special scale 5 at the top left of the rule. This scale is for calculating quantities of concrete in pan systems of construction or other special conditions. Beams, columns, slabs, footings, piers, and excavating can be calculated with equal facility. These various functions are all fully and clearly explained in the booklet which comes with each rule.

Send in your order now while it is fresh in your mind.



3' and 4' and you find 24 divisions so the smallest division is ¼ inch. Between 4' and 5' the divisions are 12 to the foot or 1 inch divisions. Now on scale 4 you are dealing with cubic feet and cubic yards so between figures 1 and 2 you find the spacing divided into 27 parts and also into ¼-½-¾, and full yards, the 27 parts equal to one cubic foot per part. The 27 parts continue between 2 and 3 on this scale but changes to 9 spacings or 3 cubic foot per spacing between figures 3 and 4 and beyond 4 to 25 the spacings are ¼ yards. Between 25 and 50 half yards, between 50 and 100 full yards and between 100 and 200 each space is two yards.

The scales on the illustration are set so that figure 9" on scale 1 is connected to the line 18' on scale 2

Solution: Find 12" on scale 1 with 13½' connected to it on scale 2, then on scale 3 find 25' and connected to it find 12½ on scale 4.

EXAMPLE 2: How many cubic yards of plaster will be required to cover an area 1" thick, 162' wide and 200' long?

Answer: 100 cubic yards.

Solution: Find 1" thickness on scale 1 connected to 162' width on scale 2, then find 200' on scale 3 and connected to it on scale 4 find 100.

These are just a few of the examples which appear in the instruction booklet with every scale. Note the large A on scale 2 with an arrow to the right of figure 3". This setting is to figure areas. Note

OTHER RULES WE MANUFACTURE

Standard Mannheim type slide rule with A-B-C-C,-D and K scales on face. Concrete block and mortar calculator—Brick and Hollow Tile and Mortar Calculator. Lumber Calculator calculating board feet per stick and then for any number of sticks in quantity from sizes 4' wide to 10' length and any thickness. Weight Calculator for calculating weights of hot rolled and galvanized sheets in gauges from 10 to 30 and pieces from 6" square to lengths up to any desired size, also galvanized iron ducts from 4'x8' to 100' in length down to low pipe 3" in diameter. And MANY OTHERS.

The Ideal Practical ★ Holiday Gift



Put up in an attractive Holly and Red holiday greeting box with a booklet fully illustrating all of the many uses for this Slide Rule makes it the *Ideal—Practical—Holiday Gift.*

We have succeeded in securing a limited supply of materials and now have a quantity of Slide Rules ready for printing your advertising on front and back, either or both as directed. Due to our limited supply we must limit orders to not more than 350 rules.

Orders for Holiday delivery will be accepted at prevailing prices (See back cover) until July 1, 1942, or until our supply is exhausted prior to that date. We would advise that you place your order now so that we may have adequate time to prepare and submit advertising copy for your approval. Late placing of orders may result in your disappointment if placed late when every order must be rushed in order to make delivery. So to make it possible for us to take the necessary time to prepare your order for guaranteed delivery we are making you a 25% discount from published prices on back cover for any order mailed prior to midnight of July 1. Make no payment with your order, we accept it on our usual published terms, so Place Your Order NOW to be assured of the Ideal Practical Holiday remembrance which your customers will welcome and appreciate.

Slide Rules of Quality are becoming more and more scarce so do not delay PLACE YOUR ORDER NOW.

Wholesale Prices on
back page.

TURN PAGE →

Wholesale Prices Slide Rules-Scales & Special designs

The following prices are retail for any number under 50 rules and wholesale for fifty or more printed with customers advertising on face or back of rule of both face and back. No printing on less than 50 rules.

Rules are manufactured of Magnolia wood finished white with an Ethyl-Cellulose base then printed. After the printing is dry the surface of the rule is coated with a transparent lacquer to hold the printed surface. The white is rubbed with mineral wool to provide a celluloid like polish.

Rules are delivered in a durable paper box with a complete descriptive booklet illustrating the many uses of the rules.

| | |
|----------------------------------|---------|
| Single Slide Rule..... | \$ 2.00 |
| One dozen rules..... | 21.00 |
| Two dozen rules..... | 36.00 |
| Three dozen rules..... | 45.00 |
| Four dozen rules..... | 55.00 |
| 50 Rules Printed..... | 60.00 |
| 75 Rules Printed..... | 85.00 |
| 100 Rules Printed..... | 100.00 |
| 150 Rules Printed..... | 140.00 |
| 200 Rules Printed..... | 175.00 |
| Each additional rule to 300..... | .85 |
| Each additional rule to 350..... | .80 |

Maximum order to any one company during the present restrictions will be 350 rules.

Terms: The usual credit terms accorded well rated companies on all orders which do not include printing. A minimum charge of \$25.00 will be required to be paid when advertising proofs are approved. Balance of payment to be billed first of month following delivery of order. Where Dun and Bradstreet rating is not available credit reference will be required or order will be shipped C.O.D.

Rules—Scales—Other Types of Slide Rules

Write us for price lists covering any type of Slide Rule you may desire also regular architect or engineers six-inch pocket scales, 12" regular drafting scales, flat, double bevel, single bevel or triangular. Also lacquered tag stock scales, all kinds.

New Designed Slide Rules or Special Scales

We have a designing department for the design of any scale or Slide Rule that may be required to fit special conditions. Write us giving your requirements. We can design it for you. Let us quote you prices.

Slide Rule and Scale Engineering Co.
511-512 First National Bank Building
LA PORTE, INDIANA

Concrete ————»» ««—Slide Rule

A Simplified Special Duty Rapid Calculator Easily Mastered

If you have never used a Slide Rule and doubt your ability to do so then spend a few minutes time with this SIMPLIFIED SPECIAL DUTY Rule which has been adapted to the special requirements of the Concrete Industry and is an ideal rapid calculator for ready-mixed concrete or for all around concrete estimating.

Look inside for easy instructions
to use Rules.

SLIDE RULE & SCALE ENGINEERING CO., Inc.
511-512 First National Bank Bldg.
LA PORTE, INDIANA

TURN PAGE →