Blue Print Reading 130
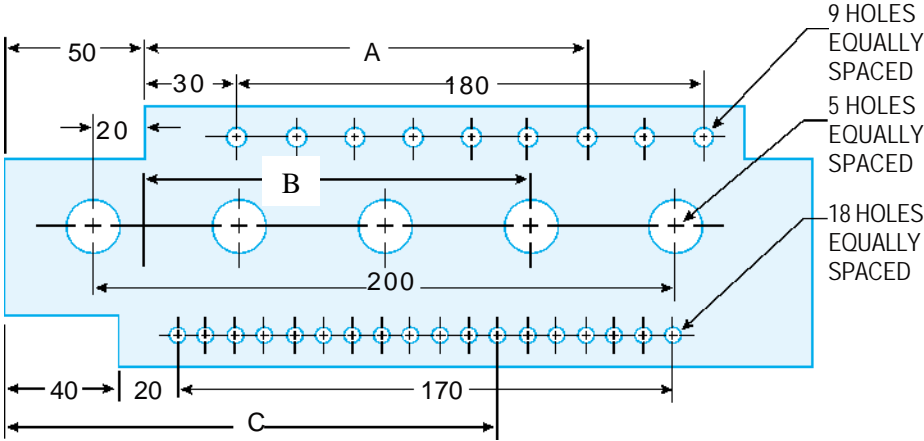
It's a matter of presentation. Which is more interesting?

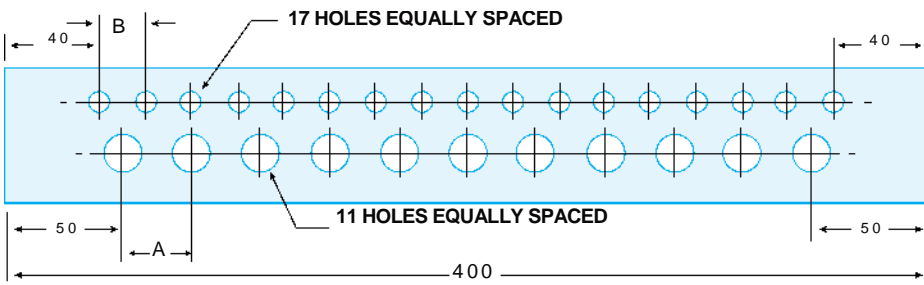(160/8) * 6 + 30   (200/4) * 2 + 30   (170/17) * 11 + 20 + 40

or

Note: Images from Smith, R. & Peterson, J. C. (2007). *Introductory Technical Mathematics (5e) p. 27*

Find, in millimeters, dimension A

Find, in millimeters, dimension B
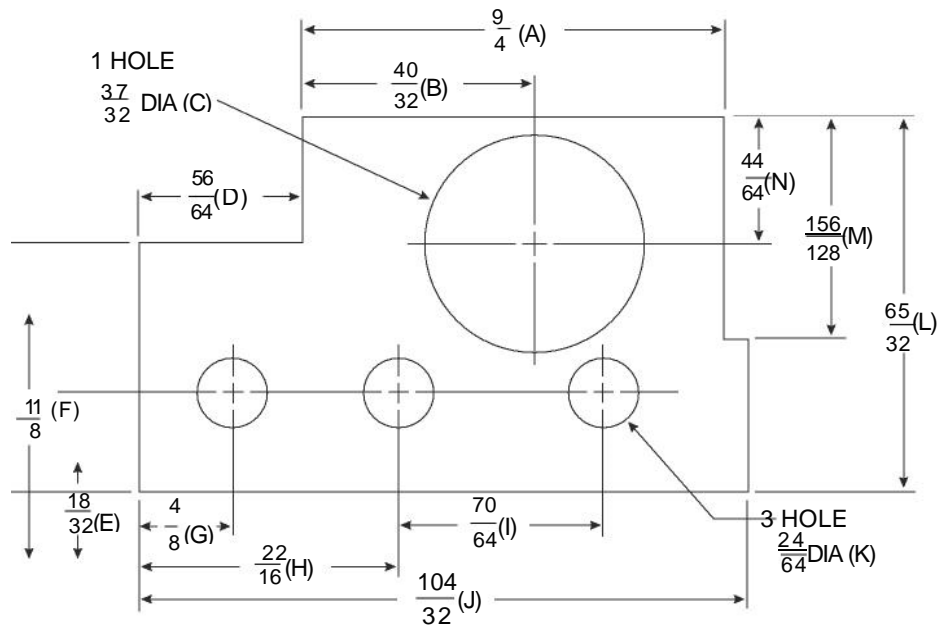
Find, in millimeters, dimension C

Note: Images from Smith, R. & Peterson, J. C. (2007). *Introductory Technical Mathematics (5e) p. 18*

Can you go the other way? Find A and B as an expression, make sure you use the parenthesis correctly.

A **=**

B **=**

In this next exercise the fractions are all recorded as improper numbers. Reduce to mixed numbers with proper fractions.

1 HOLE
$\frac{37}{32}$ DIA (C)

$\frac{9}{4}$ (A)

$\frac{40}{32}$(B)

$\frac{56}{64}$(D)

$\frac{44}{64}$(N)

$\frac{156}{128}$(M)

$\frac{65}{32}$(L)

$\frac{11}{8}$ (F)

$\frac{18}{32}$(E)

$\frac{4}{8}$ (G)

$\frac{22}{16}$(H)

$\frac{70}{64}$(I)

3 HOLE
$\frac{24}{64}$DIA (K)

$\frac{104}{32}$(J)

Note: Images from Smith, R. & Peterson, J. C. (2007). *Introductory Technical Mathematics (5e) p. 39*

A =	F =	K =
B =	G =	L =
C =	H =	M =
D =	I =	N =
E =	J =	