Warm-Up

The letters and stand for numbers.
If – 100 = – 100, which statement is true?

A =

B >

C = 100

D > + 100

*If - 100 = , which statement would be true? Justify your answer.

What is the smallest whole number that will make this number sentence true?

$6 \times 9 < 3 \times \square$

Find a value that would make 6 9>3 $\square$

Find a value that would make 6 9=3 $\square$

Given

3×10^3 7×10^2 6×10^1

(7×10^2) (5×10^1) (2×10^0)

Which statement is true?

A
B
C

* What else do you know about and ?

Choose the best symbol for each comparison.

a. 103.25 ◯ 130.25 < = >
b. 78.5 ◯ 78.500 < = >
c. 12.37 ◯ 1.237 < = >
d. 49.09 ◯ 48.99 < = >

=27$%,2*!1+88!('*2!8+>%8#!%?.87.2%!@'23!*+$%*!2'!&'().%!AB!.,$!CBC0!@72!$%&'()'*+,-!
.88'1*!23%(!2'!5+,$!%67.8!?.87%*!',!@'23!*+$%*!.,$!&'().%!13.2!+*!8%52?!!!

Notice 24 equals 24 and 41 equals 41. That leaves 25 on the left and 36 on the right to be compared.

O d O a

D3%,!1%!3.?%!%4)/%**+',*!1+23!('/%!23.,!',%!')%/.2+',0!1%!,%%$!2'!5'88'1!23%!'/$%/!'5!
')%/.2+',*!13+8%!1%!%?.87.2%!23%(9!

!

!

!

;3%*%!21'!%4)/%**+',*!3.?%!23%!*.(%!,7(@%/*!.,$!')%/.2+',*9!!;3%#!8''>!?%/#!*+(+8./9!!
E'1!./%!23%#!$+55%/%,2F!!G)./%,23%*%*!./'7,$!$+55%/%,2!67.,2+2+%*H!

!

;3%!-/'7)+,-!*#(@'8*!3%8)!7*!>,'1!13.2!2'!$'!5+/*29!!I.>%!@./!('$%8*!5'/!%.&3!%4)/%**+',9!

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