

True or False?

Decimals

Instructions:

Decide if each number sentence is true or false and write T or F in the box.



Helpful Hint:

To compare decimals, you do the same thing you'd do to compare regular numbers—compare the place values starting on the left and moving right. And, just as with regular numbers, in a number sentence involving decimals, we use the symbols $<$, $>$, and $=$ to compare:

$<$ less than

$>$ greater than

$=$ equal to

When comparing two decimals, it can be helpful to write them with one on top of the other.

Example: Which is greater—0.57 or 0.54?

ones	tenths	hundredths
0.	5	7
0.	5	4

Starting on the left, the decimals' digits are the same until you get to the hundredths place. This last digit will tell us which decimal is greater. Because $7 > 4$, we know that $0.57 > 0.54$.

True or False?

$0.25 < 0.33$ T	$0.3 > 0.3$	$0.08 = 0.20$	$0.65 < 0.75$	$0.60 = 0.6$
$0.42 < 0.4$	$0.75 > 0.71$ T	$0.46 = 0.45$	$0.24 < 0.20$	$1.58 > 1.53$
$4.12 < 4.25$	$1.2 > 1.40$	$0.60 > 0.06$	$0.7 < 0.71$	$1.2 > 1.4$
$0.32 < 0.32$	$.06 > 0.06$	$0.8 = 0.82$	$1.75 > 1.34$	$0.05 > 0.05$
$5.15 = 5.15$	$0.50 > 0.5$	$3.25 = 0.32$	$0.37 > 0.32$	$0.9 > .89$

True or False?

$0.25 < 0.33$

$0.3 > 0.3$

$0.08 = 0.20$

$0.65 < 0.75$

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$0.24 < 0.20$

$1.58 > 1.53$

$4.12 < 4.25$

$1.2 > 1.40$

$0.60 > 0.06$

$0.7 < 0.71$

$1.2 > 1.4$

$0.32 < 0.32$

$.06 > 0.06$

$0.8 = 0.82$

$1.75 > 1.34$

$0.05 > 0.05$

$5.15 = 5.15$

$0.50 > 0.5$

$3.25 = 0.32$

$0.37 > 0.32$

$0.9 > .89$

Answer Key

$0.25 < 0.33$ T	$0.3 > 0.3$ F	$0.08 = 0.20$ F	$0.65 < 0.75$ T	$0.60 = 0.6$ T
$0.42 < 0.4$ F	$0.75 > 0.71$ T	$0.46 = 0.45$ F	$0.24 < 0.20$ F	$1.58 > 1.53$ T
$4.12 < 4.25$ T	$1.2 > 1.40$ F	$0.60 > 0.06$ T	$0.7 < 0.71$ T	$1.2 > 1.4$ F
$0.32 < 0.32$ F	$.06 > 0.06$ F	$0.8 = 0.82$ F	$1.75 > 1.34$ T	$0.05 > 0.05$ F
$5.15 = 5.15$ T	$0.50 > 0.5$ F	$3.25 = 0.32$ F	$0.37 > 0.32$ T	$0.9 > .89$ T