![Texas Instruments logo] **TEXAS INSTRUMENTS**

TI−15

Calculator and Arithmetic Trainer

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General Information

The TI-15 has two power sources−battery and solar. It operates in well-lit areas using solar cell, and it operates in other light settings on battery.

Examples: See the *Examples* page for representative problems and keystroke sequences that demonstrate many of the TI-15's functions and capabilities. Before starting each problem set, reset the calculator by pressing 🔘 and Clear simultaneously to help ensure that your displays are the same as those shown in the examples. In Problem Solving **Auto** mode, however, displays will vary from those shown, because these problems are random.

Basic Operations

To turn the TI-15 on, press 🔘.

If the calculator is on, press 🔘 to turn it off.

APD™ (Automatic Power Down™) turns off the TI-15 automatically if no key is pressed for about 5 minutes. Press 🔘 after APD to power up again; the display, pending operations, settings, and memory are retained.

Display and Scrolling ⊙ ⊙ ⊙ ⊙

The TI-15 has a two-line display; each line has room for 11 characters. Entries that do not fit on the first line wrap to the second, and then scroll when the second line is filled. *Exception*: When computing fractions, the TI-15 displays only one line, which scrolls when a problem exceeds the capacity of the line.

Entries can be up to 88 characters. *Exceptions*: In Stored Operations, the limit is 44 characters. In ◈ **Man** mode, entries do not wrap; entries cannot exceed 11 characters.

When a result exceeds the capacity of the screen, it is displayed in scientific notation. However, if the result is greater than 10^{99} or less than 10^{-99}, you will get an *overflow error* or *underflow error*, respectively.

Scroll with ⊙, ⊙, ⊙, and ⊙.

• Press ⊙ and ⊙ to scroll through entries or to move the underscore within a menu list.

• Press ⊙ and ⊙ to scroll through history or, within a menu, to move to the next level of menu lists.

Clearing, Correcting and Resetting Clear ←

←	Deletes the character to the left of the cursor. In fractions, clears from right bottom to left top.
Clear	Clears display and error condition. (Does not clear value from memory.)
MR/MC MR/MC	Clears value from memory.
🔘 and Clear	To reset, hold down 🔘 and Clear simultaneously for a few seconds and release. MEM CLEARED displays. This completely clears the calculator and restores all default settings. You can also reset using the Mode menu (see below).

Display Indicators

Indicator	Definition
◈	Calculator is in Problem Solving mode.
■.	Calculator is in Place Value mode.
Fix	Calculator is rounding results.
▶M	▶M has been pressed.
M	A value other than zero is in memory.
Op1, Op2	Stored operation function is active.
Auto	In calculator mode, **Auto** simplification of fractions is active. In ◈, Problem Solving function is in **Auto** mode.
I	Integer division function is active (appears only when cursor is over the division sign).
$\frac{n}{d}$ ÷	Results of division will be displayed in fraction format.
$\frac{N}{D} \rightarrow \frac{n}{d}$	The fractional result can be simplified.
↑ ↓	More entry history or menus are available. Press ⊙ or ⊙ to access.
← →	An entry or menu extends beyond the capacity of the screen. Press ⊙ or ⊙ to scroll.

Mode Setting Menus Mode Frac ◈ ■.

Key	Menu Choices Displayed	
Mode	. **n/d** (Decimal or fraction display)	
Mode ⊙	+1 ? (Show or hide in Op)	
Mode ⊙⊙	OP1 OP2 (Clear stored Op)	
Mode ⊙⊙⊙	N Y (Select or reject Reset)	
Frac	**U n/d** n/d (Select format of fractions)	
Frac ⊙	**Man** Auto (Simplification procedure)	
◈ Mode	**Auto** Man (Automatic or Manual)	
◈ Mode ⊙	1 2 3 (Level of difficulty)	
◈ Mode ⊙⊙	+ - × ÷ ? (Type of operation)	
◈ Mode ⊙ Enter ⊙	11-. -1- (Place Value function)	

Press ⊙ or ⊙ to underline a menu item. To select the underlined item, press Enter. To exit, press Mode.

Order of Operations

The TI-15 uses the Equation Operating System (EOS™) to evaluate expressions.

1st	Expressions inside parentheses.
2nd	Functions that need a) and precede the argument.
3rd	Fractions.
4th	Exponentiation (^) and roots (√).
5th	Negation (-).
6th	Multiplication, implied multiplication, division.
7th	Addition and subtraction.
8th	Conversions (U n/d↔n/d, F↔D, ▶%).
9th	Enter completes all operations.

Basic Arithmetic + − × ÷ · ( ) Enter

0 1 2 3 4 5 6 7 8 9	Enters numerals 0 through 9.
+, −, ×, ÷	Adds, subtracts, multiplies, divides.
·	Inserts decimal point.
(-)	Enters a negative sign. (Does not act as an operator.)
(,)	Opens, closes a parenthetical expression.
Enter	Completes all operations.

Integer Division Int÷

When you divide a positive whole number by a positive whole number with Int÷, the result is displayed in the form **Q r R**, where **Q** is the quotient and **R** is the remainder.

If you use the result of integer division in a subsequent calculation, the TI-15 uses only the quotient; the remainder is dropped.

Fractions n d Unit Frac U$\frac{a}{b}$↔$\frac{a}{b}$ Simp Fac F↔D

Press n after entering a number to designate the numerator of a fraction.

Press d after entering a number to designate the denominator of a fraction.

Both numerator and denominator must be integers. If you enter a denominator greater than 1000, or if a calculation yields a denominator greater than 1000, the TI-15 displays results in decimal format.

You can input either the numerator or the denominator first.

Unit separates the whole number from the fraction in a mixed number.

Frac displays a menu that lets you specify how fraction results are displayed.

• **U n/d** (default) displays results as mixed numbers.

• **n/d** displays results as simple (improper) fractions.

Frac ⊙ displays a menu that lets you specify the simplification method.

• **Man** (default) requires manual simplification of fractions.

• **Auto** automatically reduces fraction results to lowest terms.

N/D→n/d indicates that fraction results can be simplified.

Simp enables you to simplify a fraction manually.

Fac displays the factor that was used to simplify a fraction in your last manual simplification step. Press Fac again to restore the fraction to the screen.

U$\frac{a}{b}$↔$\frac{a}{b}$ converts a mixed number to an improper fraction or an improper fraction to a mixed number.

F↔D converts a fraction to a decimal, or converts a decimal to a fraction, if possible.

If a problem contains both fractions and decimals, the results are displayed in decimal format. However, if you press Mode and select **n/d**, the results of division will be displayed in fraction format, when possible.

Percents % ▶%

Press % after a entering a value to calculate a percent.

Press ▶% to convert a decimal or a fraction to a percent.

Roots and Powers ^ √

√ lets you obtain the square root of a number. After entering the number, be sure to close the parentheses.

^ raises a number to the power you specify.

Pi π

π enters the value of π, which is stored internally to 13 digits (3.141592653590). In some cases, results display with symbolic π, and in other cases as a numeric value.

Memory ▶M MR/MC

After a calculation, press ▶M Enter to store the displayed result in memory. If memory already contains a value, the new one will replace it. When memory contains a value other than 0, **M** displays on the screen.

To recall the value from memory for use in a calculation, press MR/MC once.

To clear memory, press MR/MC MR/MC.

Stored Operations Op1 Op2

Op1 and **Op2** each can store an operation with a constant value, which you can repeat by pressing only one key, as many times as desired.

1. Press Op1 or Op2.
2. Enter the operator first (+, -, ×, ÷, Int÷, or ^) and then the number.
3. Press Op1 or Op2.
4. Initialize with a starting value.
5. Each subsequent time you press Op1 or Op2, the operation with the constant is applied.

The computation with the stored operation appears on the first line of the display, and the result appears on the second line. If you don't want the computation line to display, press Mode ⊙⊙Enter to hide it. Or, if the expression does not fit on the line, it will not show. When space permits, a counter on the second line shows how many times you have pressed Op1 or Op2.

To clear the contents of **Op1** or **Op2**, press Mode ⊙⊙, select **Op1** or **Op2**, and press Enter. Then press Mode to return to the last result display.

Rounding Fix 1000. 100. 10. 1. 0.1 0.01 0.001

You can round results with Fix in conjunction with place value keys to specify a given number of places. (The internally stored value is not rounded.) The calculated value is padded with zeros as needed. You must press Fix again each time you change the number of places.

Keys	Action
Fix 1000.	Rounds in thousands.
Fix 100.	Rounds in hundreds.
Fix 10.	Rounds in tens.
Fix 1.	Rounds in ones.
Fix 0.1	Rounds to nearest tenth.
Fix 0.01	Rounds to nearest hundredth.
Fix 0.001	Rounds to nearest thousandth.
Fix ·	Removes fixed-decimal setting.

These place-value keys also work with ▓. (see below).

Problem Solving ◈ ? ⟨⟩

The ◈ function lets you practice and test your skills in arithmetic. You can choose either **Auto** or **Man** mode.

In ◈ **Auto** mode (default), the TI-15 presents problems with one element missing (for example, 5+2=? or 5+?=7 or 5?2=7). You can select the type of problem and choose from three levels of difficulty. The default is addition at level 1.

Level of Difficulty. While in ◈, press Mode ⊙ to access the menu list and press ⊙ or ⊙ to select the desired level of difficulty (1, 2, or 3). Then press Enter Mode, and the TI-15 will present problems at the selected level.

Type of Problem. While in ◈, press Mode ⊙⊙ to access the menu list, and press ⊙ or ⊙ to select the desired type of problem (addition, subtraction, multiplication, division, or find the operator). Then press Enter Mode, and the TI-15 will present problems of the selected type.

1. You enter an answer.
2. If your answer is correct, the display shows "Yes," clears the screen, and presents another problem.
3. If your answer is not correct, the display shows "No" and indicates whether the correct solution is less than or greater than the answer that you entered.
4. The incorrect answer is cleared from the display, and you enter another answer to that same problem.
5. If you enter three incorrect answers to a given problem, the TI-15 shows the correct answer, clears that problem, and presents a new problem.

Scoreboard. The TI-15 shows a Scoreboard after every fifth problem. Every correct solution you have entered registers a "Yes" in the Scoreboard, and three incorrect answers in a row register one "No." After 100, the Scoreboard returns to zero.

Problem Solving (continued)

When you first enter ◈ and when you press Mode, the display shows the Scoreboard for a moment before presenting problems or before showing the menu.

In ◈ **Man** (manual) mode, you compose your own problems. While in ◈, press Mode to access the menu list, and press ⊙ to select **Man**. Then press Enter Mode, and the TI-15 is ready for you to enter your problem and your solution. It accepts only non-negative integers in this mode. You indicate a missing element with ?.

In ◈ **Man** mode, it is possible to enter a problem that has one solution, multiple solutions, or no solution. The TI-15 tells you how many solutions the problem has.

- Problems with one missing element generally have only one solution. You get three tries. After three incorrect answers, the calculator displays the correct answer and then clears so you can enter a new problem.
- Problems with two missing elements have multiple solutions. For example, ?+?=5 has 6 solutions; ?x?=24 has 8 solutions. (In this type of problem, the question marks replace the operands; they may not appear in the place of the operator or the answer.) These problems are not cleared after a correct solution or after three incorrect answers; the problem remains so you can enter other solution sets, until you clear the problem manually by pressing Clear.
- When the answer to a problem is not a positive integer (such as 9÷2), the TI-15 indicates that it has zero solutions. But if you enter answers, it will tell whether they are greater than or less than the correct answer.

Inequalities. Instead of entering an equation, you can test an inequality using ⟨⟩. You get only one try, because the inequality statement is either true or false. With inequalities you can enter decimals. Press ⟨⟩ once for <, and press ⟨⟩ twice for >.

To exit Problem Solving, press ◈ again.

Place Value ▓. 1000. 100. 10. 1. 0.1 0.01 0.001

While in ◈, **Man** mode, you can determine the place value of a digit; determine how many ones, tens, hundreds, thousands, tenths, hundredths and thousandths a number contains; or determine which digit of a given number is in a specified place.

- Determine Place Value:
  - After entering a number, you can determine the whole number place or the decimal place of a given digit by pressing ▓. and then pressing the digit in question.
  - If you have a number with a repeated digit, when you press this digit the TI-15 analyzes its right-most occurrence. To find the place value of those to the left, press the given digit again before the answer appears. Each time you press the given digit in succession, the display shifts to the next occurrence of this digit to the left and shows the place value for this occurrence.

While in ◈, **Man** mode, you can access a Place Value menu by pressing Mode ⊙.

- Find out how many ones, tens, hundreds, thousands, tenths, hundredths, or thousandths a number contains (default): If necessary, press Mode ⊙ Enter ⊙, select the **11-** setting, and press Enter Mode. Enter the number to be analyzed, press ▓., and then press 1., 10., 100., 1000., 0.1, 0.01, or 0.001.
- Find out what digit of a number is in a specified place: Press Mode ⊙ Enter ⊙, select the **-1-** setting, and press Enter Mode. Enter the number to be analyzed, press ▓., and then press 1., 10., 100., 1000., 0.1, 0.01, or 0.001.

The answer appears briefly and then clears so you can press another digit or place value key. Once the ▓. function is active, it is not necessary to press this key before each digit or place you wish to examine for a given number. You need to press Clear before entering a new number to analyze and then activate ▓. again.

To exit the ▓. feature, press Clear.

Error Conditions

Arith Error	Arithmetical error.
Syn Error	Syntax error.
÷0 Error	Attempting to divide by zero.
Mem Error	Error in attempting to store entry in memory.
Op Error	Error following steps for using Op1 or Op2.
Overflow Error	Overflow.
Underflow Error	Underflow.

In some cases, Clear restores the last display before the error message appeared.

Errors appear in history as **Error**.

Battery Replacement

Place protective cover over the TI-15 and lay the calculator face down.

Remove screws from back of case, using a small Phillips screwdriver.

Carefully separate front from back, starting from the bottom. **Caution:** Be careful not to damage any internal parts.

Remove old battery, using a small Phillips screwdriver, if necessary. Replace with new battery. Replace back of case.

Caution: Avoid contact with other TI-15 components while changing the battery.

If necessary, press 🔘 and Clear at the same time to reset the TI-15 (clears memory and all settings).

Caution: Dispose of old batteries properly. Do not incinerate batteries or leave where a child can find them.

In Case of Difficulty

Review instructions to be certain calculations were performed correctly.

Press 🔘 and Clear simultaneously. This clears all memory and settings.

Check the battery to ensure that it is fresh and properly installed. Change the battery when:

- 🔘 does not turn the unit on, or
- The screen goes blank, or
- You get unexpected results.

To continue using the TI-15 until you can change the battery:

1. Expose the solar panel to brighter light.
2. Press 🔘 and Clear simultaneously to reset the calculator.

TI Product Service and Warranty Information

Product Support

Customers in the U.S., Canada, Puerto Rico, and the Virgin Islands

For general questions, contact Texas Instruments Customer Support:

phone:	**1-800-TI-CARES**
	(1-800-842-2737)
e-mail:	**ti-cares@ti.com**

For technical questions, call the Programming Assistance Group of Customer Support:

phone:	**1-972-917-8324**

Customers outside the U.S., Canada, Puerto Rico, and the Virgin Islands

Contact TI by e-mail or visit the TI calculator home page on the World Wide Web.

e-mail:	**ti-cares@ti.com**
Internet:	**www.ti.com/calc**

Product Service

Customers in the U.S. and Canada Only

Always contact Texas Instruments Customer Support before returning a product for service.

Customers outside the U.S. and Canada

Refer to the leaflet enclosed with this product or contact your local Texas Instruments retailer/distributor.

Other TI Products and Services

Visit the TI calculator home page on the World Wide Web.

www.ti.com/calc

Warranty Information

Customers in the U.S. and Canada Only

One-Year Limited Warranty for Electronic Product

This Texas Instruments ("TI") electronic product warranty extends only to the original purchaser and user of the product.

Warranty Duration. This TI electronic product is warranted to the original purchaser for a period of one (1) year from the original purchase date.

Warranty Coverage. This TI electronic product is warranted against defective materials and construction. **THIS WARRANTY IS VOID IF THE PRODUCT HAS BEEN DAMAGED BY ACCIDENT OR UNREASONABLE USE, NEGLECT, IMPROPER SERVICE, OR OTHER CAUSES NOT ARISING OUT OF DEFECTS IN MATERIALS OR CONSTRUCTION.**

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Warranty Performance. During the above one (1) year warranty period, your defective product will be either repaired or replaced with a reconditioned model of an equivalent quality (at TI's option) when the product is returned, postage prepaid, to Texas Instruments Service Facility. The warranty of the repaired or replacement unit will continue for the warranty of the original unit or six (6) months, whichever is longer. Other than the postage requirement, no charge will be made for such repair and/or replacement. TI strongly recommends that you insure the product for value prior to mailing.

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For information about the length and terms of the warranty, refer to your package and/or to the warranty statement enclosed with this product, or contact your local Texas Instruments retailer/distributor.

⏻ ＋ － × ÷ Enter ◁ ▷ ⌃ ⌄		
⏻	⏻	◂
＋	2 ＋ 3 Enter	2+3=　　5
－	7 － 4 Enter	7−4=　　3
×	2 × 4 Enter	2×4=　　8
÷	6 ÷ 3 Enter	6÷3=　　2
⌃	⌃ ⌃ ⌃	2+3=　　5 7−4=　　3
⌄	⌄	7−4=　　3 2×4=　　8
◁ ▷	◁ ◁ ◁ 4 ◁ ▷ 2 Enter	74−42=　　32

Clear ←		
	9 ÷ 33	9÷33◂
Clear	Clear	◂
	9 ÷ 3 Enter	9÷3=　　3
	9 ÷ 33	9÷33◂
←	← Enter	9÷3=　　3
	8 ÷ 3 ◁ ◁ ← 9 Enter	9÷3=　　3
	9 ÷ 3 ← ← × 2 Enter	9×2=　　18

·		
·	6 · 3 ＋ 2 · 4 Enter	6.3+2.4=　8.7
	4 · 2 × 3 · 1 Enter	4.2×3.1= 13.02
	96 · 3 ÷ 2 · 52 Enter	96.3÷2.52= 38.21428571

(−)		
(−)	5 ＋ (−) 2 Enter	5+ -2=　　3
	5 － (−) 2	5− -2=　　7
	4 × (−) 2 Enter	4× -2=　　-8

( )		
( )	3 × 4 ＋ 2 Enter	3×4+2=　　14
	3 × ( ) 4 ＋ 2 ( ) Enter	3×(4+2)=　　18

Int÷		
Int÷	9 Int÷ 4 Enter	9÷4=　　2 r 1
	◁ ◁ ◁	9◂4=

Unit ⊓ ⌐ Simp Fac		
Unit ⊓ ⌐	3 Unit 5 ⊓ 18 ⌐ ＋ 1 Unit 7 ⊓ 18 ⌐ Enter	$3\frac{5}{18}+1\frac{7}{18}=4\frac{12}{18}$
Simp	Simp Enter	$4\frac{12}{18}\blacktriangleright S\quad 4\frac{6}{9}$
Fac	Fac	2
	Fac Simp Enter	$4\frac{6}{9}\blacktriangleright S\quad 4\frac{2}{3}$
	Fac	3

Frac U⊓↔⌐ F↔D		
Frac	Frac ▷ Enter	U n/d　n/d
	Frac	◂
	3 Unit 1 ⊓ 8 ⌐ ＋ 1 Unit 3 ⊓ 8 ⌐ Enter	$3\frac{1}{8}+1\frac{3}{8}=\frac{36}{8}$
	Simp 4 Enter	$\frac{36}{8}\blacktriangleright S4\quad\frac{9}{2}$
U⊓↔⌐	U⊓↔⌐	$4\frac{1}{2}$
F↔D	F↔D	4.5

% ▶%		
%	200 × 7 % Enter	200×7%=　　14
▶%	· 375 ▶% Enter	.375▶%　37.5%
	2 ⊓ 5 ⌐ ▶% Enter	$\frac{2}{5}\blacktriangleright\%\quad40\%$

[√] [∧]

[√]	[√] 25 [)] [Enter]	√(25)= 5
[∧]	5 [∧] 2 [Enter]	5^2= 25
	8 [∧] 13 [Enter]	8^13= 5.498×10^11

[π]

[π]	[π] [×] 3 [Enter]	π×3= 3π
	[π] [×] 4 [∧] 2 [Enter]	π×4^2= 16π
	2 [+] 3 [×] [π] [Enter]	2+3×π= 11.42477796

[▶M] [MR/MC]

	96 [+] 85 [Enter]	96+85= 181
[▶M]	[÷] 2 [Enter] [▶M] [Enter]	**M** 181÷2= 90.5
	(Clear)	**M** ◀
	98 [+] 87 [Enter]	**M** 98+87= 185
	[÷] 2 [Enter]	**M** 185÷2= 92.5
[MR/MC]	[+] [MR/MC] [Enter]	**M** 92.5+90.5= 183
	[÷] 2 [Enter]	**M** 183÷2= 91.5
	[MR/MC] [MR/MC] (Clear)	**M** ◀

[Op1] [Op2]

[Op1]	[Op1] [+] 5 [Op1]	Op1 +5
	2 [Op1]	Op1 2+5 1 7
	[Op1]	Op1 7+5 2 12
	[Op1]	Op1 12+5 3 17
[Op2]	[Op2] [×] 2 [Op2]	Op1 Op2 ×2
	3 [Op2]	Op1 Op2 3×2 1 6
	[Op2]	Op1 Op2 6×2 2 12
	[Op1]	Op1 Op2 12+5 1 17

Clear Op

	(Mode) ⌄ ⌄ ⟩ [Enter]	Op1 OP 1 <u>OP 2</u> CLEAR
	(Mode)	Op1 12+5 17

[Fix] [1.] [0.1] [0.01] [0.001] [1.] [10.] [100.] [1000.]

	42 [·] 394 [×] 97 [·] 382 [Enter]	4128.412508
[Fix] [1000.]	[Fix] [1000.]	Fix 4000
[100.]	[Fix] [100.]	Fix 4100
[10.]	[Fix] [10.]	Fix 4130
[1.]	[Fix] [1.]	Fix 4128
[0.1]	[Fix] [0.1]	Fix 4128.4
[0.01]	[Fix] [0.01]	Fix 4128.41
[0.001]	[Fix] [0.001]	Fix 4128.413
[·]	[Fix] [·]	4128.412508

◈

◈	◈	◈ Auto 8+3=? ◀
	11 [Enter]	◈ Auto 8+3=11 Yes
		◈ Auto 3+?=8 ◀
	5 [Enter]	◈ Auto 3+5=8 Yes
		◈ Auto 9+7=? ◀
	15 [Enter]	◈ Auto 9+7>15 No
	18 [Enter]	◈ Auto 9+7<18 No
	17 [Enter]	◈ Auto 9+7<17 No
		◈ Auto 9+7=16 Yes
		◈ Auto 4+?=6 ◀
	2 [Enter]	◈ Auto 4+2=6 Yes
		◈ Auto 8+?=13 ◀
	5 [Enter]	◈ Auto 8+5=13 Yes
		◈ Auto Yes No 4 1

◈ (Mode)

1 2 3

◈ (Mode) ⊙ ◗ Enter
```
◈     Auto
  1  2  3
  _ ▦ ▦
```

(Mode)
```
◈     Auto
6+400=?
◄
```

406 Enter
```
◈     Auto
6+400=406
     Yes
```

+ − × ÷ ?

(Mode) ⊙ ⊙ ◗ ◗ Enter
```
◈     Auto
 +  −  ×  ÷  ?
```

(Mode)
```
◈     Auto
10×40=?
◄
```

400 Enter
```
◈     Auto
10×40=400
      Yes
```

(Mode) ⊙ ⊙ ◖ Enter (Mode)
```
◈     Auto
70−40=?
◄
```

20 Enter
```
◈     Auto
70−40>20
      No
```

30 Enter
```
◈     Auto
70−40=30
      Yes
```

◈ (Mode) [?] [◇]

◈ (Mode)

◈ (Mode) ◗ Enter
```
◈
Auto   Man
```

(Mode)
```
◈
◄
```

14 [−] [?] Enter 10 Enter
```
◈
14−?=10
  1 sol
```

4 Enter
```
◈
14−4=10
      Yes
```

? × ? Enter 24 Enter
```
◈
?×?=24
  8 sol
```

8 Enter 3 Enter
```
◈
8×3=24
      Yes
```

```
◈
?×?=24
◄
```

(Clear)
```
◈
◄
```

7 [×] 6 [◇] 43 Enter
```
◈
7×6<43
      Yes
```

15 [÷] 3 [◇] [◇] 4
```
◈
15÷3>4
      Yes
```

◈ (Mode) [■.] [0.1] [0.01] [0.001] [1.] [10.] [100.] [1000.]

◈ (Mode)

◈ (Mode) ◗ Enter
```
◈
Auto   Man
```

(Mode)
```
◈
◄
```

■.   4379 [.] 652 [■.]
```
◈■.
4379.652
◄
```

3
```
◈■.
4379.652
_3_ _. _ _ _
```

```
◈■.
4379.652
3→100
```

5
```
◈■.
4379.652
_ _ _ _. _5_
```

```
◈■.
4379.652
5→0.01
```

(Clear) 7653 [.] 498 [■.]
```
◈■.
7653.498
◄
```

[1000.]
```
◈■.
7653.498
7_ _ _. _ _ _
```

[0.01]
```
◈■.
7653.498
765349. _
```

(Mode) ⊙ ◗ Enter
```
◈■.
11-        -1-
         ■.
```

(Mode)
```
◈■.
7653.498
◄
```

[10.]
```
◈■.
7653.498
_ _ 5_. _ _ _
```

[0.1]
```
◈■.
7653.498
_ _ _ _. 4_ _
```

TEXAS INSTRUMENTS

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