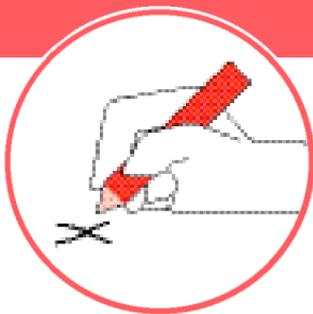


Math by Hand

Improve your number sense and place-value skills by using the Math by Hand App on your TI-73 Explorer™. This App allows you to go step-by-step through problems at your desired pace, or insert numbers into the missing places to complete the problem.



Before you begin, you will need the Math by Hand App loaded on your TI-73 Explorer. Read the instructions and download the App from education.ti.com/apps

Engage

1. Turn on your TI-73 Explorer and press **APPS**
2. Scroll down to find MathHand and press **ENTER**
3. Press any key to go through the beginning screens
4. Press **3** for 3: Multiplication and then **1** for 1: STEP-BY-STEP

Explore

1. Enter **5** **3** **6** for the Multiplicand and then press **ENTER**
2. Type **8** **7** as the Multiplier and press **ENTER**
3. Press **<START>** (**ZOOM**) to start the multiplication process, and then continue to press **<NEXT STEP>** (**ZOOM**) to see the steps that lead you to the answer
4. Press **<NEW>** (**WINDOW**) to begin a new problem and **<BACK>** (**=**) to go back to the Mode screen and exit the App

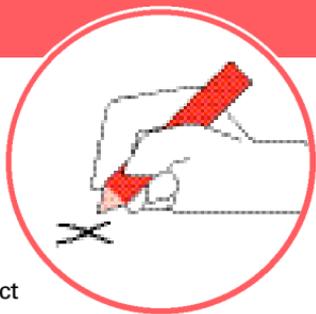
Continued on back

APPLICATIONS
1: Link...
2: AreaForm
3: CBL/CBR
4: EXPDRAW
5: GEOBOARD
6: MathHand
7: NUMLINE

SELECT AN OPERATION	
1: ADDITION	
2: SUBTRACTION	
3: MULTIPLICATION	
4: DIVISION	
(QUIT)	(INFO)

SELECT A MODE
1: STEP-BY-STEP
2: FAST MATH
3: MISSING PIECES
(BACK)

ENTER PROBLEM
MULTPLICAND: 536
MULTIPLIER: 87
(BACK) (NEW)



Extend

1. For extra practice with your math facts, try the Missing Pieces game
2. Follow steps 1 through 3 in the Engage section
3. Next, press **2** for 2: Subtraction (you can select any operation) and then **3** for 3: Missing Pieces
4. Use the arrow keys to move to the blank where you would like to start
5. Enter the numbers that make the problem true and then press **ENTER**
6. Press **<HELP>** (**GRAPH**) to view the help menu (press **<HELP>** again to exit the help screen)
7. Record your score

```
536
x  2
----
 42 = 2 x 6
 210 = 2 x 30
 3500 = 2 x 500
 400 = 2 x 200
-----
1072
```

[BACK] NEW [NEXT STEP]

```
536
x  87
-----
 4000 = 80 x 500
 2400 = 80 x 30
 400 = 80 x 5
-----
46632
```

[BACK] NEW [REPEAT]

```
SELECT A MODE
1: STEP-BY-STEP
2: FAST MATH
3: MISSING PIECES
```

[BACK]

```
  51
-  51
----
   00
```

CORRECT!

238

[BACK] [HELP]