

TI-84 Scavenger Hunt

Paper classroom edition | 12 missions | pairs or solo | 35-45 minutes

C4C
HUNT

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Name / pair: _____ Period: _____ Date: _____

How to use this hunt

Work with a physical TI-84 Plus CE or the Calc for Class online calculator. Try each mission before asking for help. For pair work, alternate who presses the keys.

1 Warm up the home screen

FIND & CALCULATE

Enter $84 + 16$ and press ENTER.

Answer: _____

2 Recall, edit, recalculate

FIND & CALCULATE

Enter 27×4 . Then use 2nd ENTER to recall the expression, change 4 to 5, and evaluate again.

New answer: _____

3 Use the power key

FIND & CALCULATE

Use the caret (^) key to calculate 7^3 .

Answer: _____

4 Negative sign detective

FIND & CALCULATE

Compare $(-4)^2$ with -4^2 . Record both results in order.

Results: _____

5 Graph and read a value

GRAPH & INSPECT

Enter $Y1 = 2X - 3$. Use GRAPH or TABLE to find y when $x = 4$.

y = _____

6 Reset a viewing window

GRAPH & INSPECT

Find the command that restores the standard graph window. Write the menu path.

Path: _____

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7 One-variable statistics

ANALYZE & STORE

Put 3, 5, 5, 7, 10 in L1. Run 1-Var Stats and record the mean.

Mean = _____

8 Store a value

ANALYZE & STORE

Store 12 in A. Evaluate $A^2 - 5$.

Answer: _____

9 Matrix mission

ANALYZE & STORE

Create $[A] = [[3,1],[2,5]]$. Find $\det([A])$.

$\det([A]) =$ _____

10 Check angle mode

ACCURACY & FIXING

In Degree mode, evaluate $\sin(30) + \cos(60)$.

Answer: _____

11 Use Goto after an error

ACCURACY & FIXING

Create a syntax error on purpose. Which error-screen choice takes the cursor to the problem?

Choice: _____

12 Display-mode experiment

ACCURACY & FIXING

Evaluate 2.4×3.7 . Then set Float to 0 and evaluate again. Describe what changed.

What changed: _____

Finish line: 2-minute reflection

1. Which TI-84 feature will save you the most time in math class? Why?

2. Which mission should you practice again before the next quiz?