



7TH GRADE TI-84 ACTIVITY 24: LET'S GET RATIONAL

ACTIVITY OVERVIEW:

In this activity we will

- Practice equivalent fractions, decimals, and percents

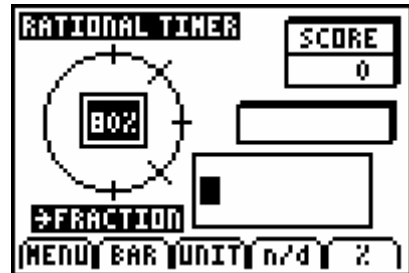


Rational Timer is one of the skill games in Rational Number Rampage. Your goal is to type in the equivalent forms requested for those you are given.

In order to start the Rational Rampage application, press the [APPS] key and select Rational Rampage by pressing [ENTER]. Press [ENTER] two more times and select **1:Rational Timer** by pressing [ENTER]. Select a level

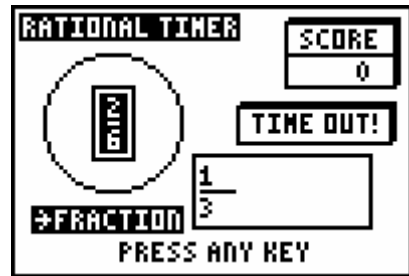


In the example to the right, you are given 80% and are asked to convert it to a fraction. ALL FRACTIONS MUST BE IN COMPLETELY REDUCED FORM.

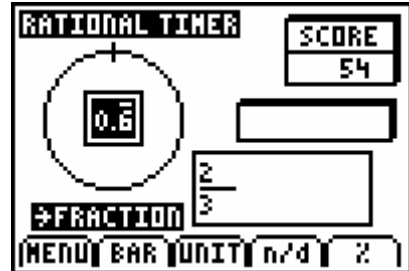


Additional rules: Improper fractions must be entered as mixed numbers. Percents must include the percent sign. For a repeating fraction, you should place the cursor on the number that repeats and press the BAR softkey.

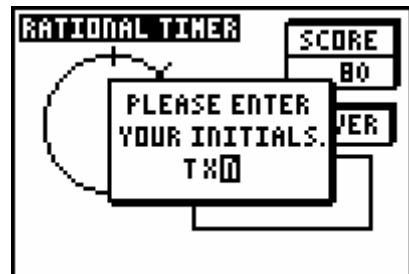
Each problem is timed. You will see the dashes around the clock disappear as time increases. You must answer before the last dash disappears. Otherwise, your answer does not count for points.



There are 3 levels in the game-bronze, Silver and Gold. The game becomes more difficult as you move up the scale.

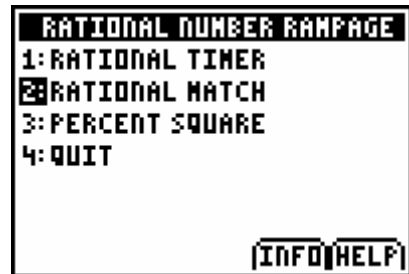


When you finish a round, you are asked to put your initials in the game.



EXTENSION

When you have mastered **rational timer**, you can move on to **rational match**. You pick pairs of numbers and are asked if they are equivalent. You are given points if they match and you are correct. You are not penalized if they are not a match and you say they are not equal.



Here you are presented a fraction and a percent and asked if they are equal or not. You will eventually want to match all the equivalent pairs as you uncover them.

