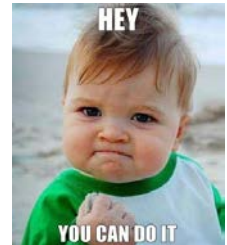




# NYS Grade 6 Math Test



First and foremost, YOU ARE READY and YOU ARE GOING TO DO A GREAT JOB!! One thing to keep in mind is that the test takes some endurance to get through. If you stay focused, take mini-breaks to recharge, persevere through the tough problems, and pace yourself so you finish and check over your work with only a few minutes to spare you will be alright. Here are a few things to keep in mind:

## Schedule:

- **Wednesday, April 22: 28 Multiple Choice – NO CALCULATOR (80 minutes)**
  - You should spend right around 3 minutes per question. For every question you can show work for, you need to show work!!
- **Thursday, April 23: 27 Multiple Choice – CALCULATOR (80 minutes)**
  - You should spend right around 3 minutes per question. For every question you can show work for, you need to show work!! Even if you can find the answer on your calculator, double check by showing your work a different way.
- **Friday, April 24: 10 SHOW ALL WORK Questions – CALCULATOR (90 minutes)**
  - ORGANIZE, ORGANIZE, ORGANIZE your thoughts!!!
  - Show as much work as you can. Remember, work that you punch into your calculator is not real work. Provide GREAT EVIDENCE to prove how you know the answer and why your solution makes sense!!
  - LABEL your work!!!



## Materials:

- #2 Pencils and Highlighters. (No Pens)
- Scientific Calculator for Day 2 and Day 3. If you have a calculator please bring it.
- Protractor (will be provided)
- Ruler (will be provided)
- **A Reference Sheet is Provided in Each Test Booklet. When you begin your test you may carefully rip this out for easy access.**

Remember, there is no prize for being done first and no points taken away for using all of your time. You show how well you know your stuff by the evidence that you can put on the paper! Please take your time, read every problem carefully, look for tricks in the questions and look for answers that don't make sense! I am proud of how well and how hard you all have worked!

## Stay Positive and Good Luck!

## Reference Sheet

A detachable reference sheet will be included in each of the three test books. For the 2015 Grade 6 Common Core Mathematics Test, the reference sheet will look as follows:

### Grade 6 Mathematics Reference Sheet

#### CONVERSIONS

1 inch = 2.54 centimeters

1 meter = 39.37 inches

1 mile = 5,280 feet

1 mile = 1,760 yards

1 mile = 1.609 kilometers

1 kilometer = 0.62 mile

1 pound = 16 ounces

1 pound = 0.454 kilogram

1 kilogram = 2.2 pounds

1 ton = 2,000 pounds

1 cup = 8 fluid ounces

1 pint = 2 cups

1 quart = 2 pints

1 gallon = 4 quarts

1 gallon = 3.785 liters

1 liter = 0.264 gallon

1 liter = 1,000 cubic centimeters

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#### FORMULAS

Triangle

$$A = \frac{1}{2}bh$$

Right Rectangular Prism

$$V = Bh \text{ or } V = lwh$$