

**Study Guide – Math 7 CP:
Trimester 2 Benchmark**

General Information:

- ❖ Test is on Wednesday, 3/4 and Thursday, 3/5
- ❖ You will have both days to work on the test individually
- ❖ You will take the test on a Chromebook
- ❖ Calculators are allowed on the test
- ❖ The test is 25 multiple choice/short answer questions (primarily multiple choice)
- ❖ The content is from the entire second trimester (listed below)

How to use this guide:

- Do a few problems on each of the topics listed below (from the homework, classwork, previous quiz/test problems)
- Ask questions in class, after school, or in Math Help on topics that you are still confused about

Things you will be expected to be able to do and explain on the test:

- ✓ Create probability trees to represent situations with multiple events
- ✓ Compute percent increase and decrease
- ✓ Solve proportions
- ✓ Identify proportional relationships given in tables
- ✓ Compute tax, tip, markup and discount
- ✓ Identify constant of proportionality
- ✓ Compute unit rate given information about a proportional relationship
- ✓ Compute mean
- ✓ Find the probability events happening
- ✓ Answer questions given box and whisker plots (about median, IQR, quartiles)
- ✓ Identify terminating and repeating decimals
- ✓ Set up proportions and solve them

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