

Mid-term Exam Review Sheet

Use this sheet as a study guide. If you know each of the topics listed, you should be ready for the exam. The exam covers A LOT of material...you must STUDY! The exam is 90 minutes long. You should NOT finish in fewer than 75 minutes. GOOD LUCK!

Chapter 1:

Translate expressions into words

PEMDAS

Variables

Expressions-evaluate

Properties!

Commutative addition and multiplication

Associative addition and multiplication

Additive/multiplicative identities

Multiplicative property of zero

Chapter 2:

Adding integers

Subtracting integers

Multiplying integers

Dividing integers

Absolute value

Number line (ordering from least to greatest)

Inequalities

Comparing integers

KEEP CHANGE CHANGE

Chapter 4:

Powers

Exponents

Prime Factorization

Factor Trees

Prime/Composite

GCF

Simplifying Fractions

Vocabulary

Variable

Expression

Simplify

Exponent

Solution

Integer

Negative number

Absolute value

Coefficient

Constant

Distributive property

Simplest form

Term

Factor

Denominator

Numerator

GCF

Prime Factorization

Prime

Composite

### Helpful studying and test-taking hints...

- Identify each term, operation, and topic on this sheet
- Do all the problems at home and have your answers completed when you come to class. This way, when we go over the questions in class you will already know what you need to ask about.
- Take advantage of AMS and study sessions
- Consolidate your notes. Take your math notes, and re-write them using only the highlights of the chapter. This approach will help you in 2 ways:
  - You will refresh all the topics by re-writing them
  - You will have a succinct document to use both in class and at home while studying
- Don't hurry through the exam. Take your time and check your answers.
- Do practice problems that you already have the answers to. Do the problems without looking at the answers and then check them when you are done. This way, you will know if you are correct.
- You MUST study the night before! There is so much material on this exam. You can't assume that you already know it. There are things that you may have forgotten. You MUST review them.
- Pay attention to details. While taking the test, watch your operations. Try not to make careless mistakes.
- Watch your signs and pay attention to positives and negatives.
- Make sure your answers are REASONABLE and you have ANSWERED THE QUESTION THAT WAS ASKED.
- Don't panic!
- When you sit to take the exam, start with a problem you know how to do. Even if you have to skip ahead, always start with a question you are certain about. This will calm you down so you can go back to the other problems.
- RELAX and THINK.
- Do your best. Walk out of the exam knowing that you studied and did the best you could.