

MATH 100  
Test 3  
Sections 1.3-1.5, 1.7

Section 1.3

Midpoint of a Segment (1)

Length of a Segment (1)

Circles: (4)

Find center & radius

Graph

Write standard equation

Graphing Lines: (2)

Use slope & y-intercept

Use x- and y-intercepts

Horizontal/Vertical Lines

Section 1.4

Find slope (1)

Slope-Intercept/Standard Form (1)

Parallel/Perpendicular (2)

Write equation of a line: (3)

Given line

Given slope & point

Given two points

Parallel/Perp to given line

Section 1.5

Solving Quadratic Equations: (4)

Factoring

Square Root Property

Completing the Square

Quadratic Formula

Section 1.7

Simple Inequalities (1)

Solve

Graph

Interval Notation

Compound Inequalities (3)

And/Or

Overlapping

All or Nothing

Absolute Value Inequalities (2)

NOTE:

There will be a total of 25 problems on the test. Each problem will be worth 4 points. The numbers in parentheses indicate the number of each type on the test.

MATH 100  
Test 3  
Sections 1.3-1.5, 1.7

Section 1.3 Exercises

Pp. 113-114: #19-24, 33-44, 49-62, 67-86

Section 1.4 Exercises

Pp. 127-128: #9-26, 35-42, 67-84

Section 1.5 Exercises

Pp. 141-142: #5-28, 35-60

Section 1.7 Exercises

Pp. 169-170: #15-26, 45-76