

Math 1A Tentative Homework **TO BE UPDATED OVER THE QUARTER**

- LEARN WITH HELP** : You should consult your notes, your textbook, the solution manual, a tutor or study partner as needed when doing these exercises, to make sure you understand the logic of the problem solving process. Check your answers against the solutions, figure out what you did incorrectly, and redo the problem, writing the solution logically, clearly and succinctly. Then do another (possibly unassigned) problem of the same type to make sure you understand.
- PRACTICE ALONE ?** : Try to do these without any of the help mentioned above. Check your answers against the solutions **only** when you have come up with your own answer. If your answer was incorrect, try to figure out what you did incorrectly without getting help. Then do another (possibly unassigned) problem of the same type to make sure you understand. Do more learning problems if needed.
- TEST YOUR SKILLS** : Do these without any help. Make sure you can complete these all the way through without stopping for extended periods of time to think about the next step. Think how to check your answer without using the solutions. Do more learning and practice problems if needed.

Remember: If you hope to pass this class, you should do **more** than the homework assigned below.

SECTIONS INCLUDED ON MIDTERM 1

SECTIONS INCLUDED ON BOTH QUIZ 1 & MIDTERM 1

- 2.1 **LEARN** : 1, 3, 5
PRACTICE : 7, 9
TEST : 2, 4, 6
- 2.2 **LEARN** : 1, 3, 5, 11, 13, 17, 19, 23, 29, 33-41 ODD
PRACTICE : 4, 7, 9, 21, 25, 31, 43
TEST : 2, 6-14 EVEN, 18, 22, 24, 32-42 EVEN
- 2.3 **LEARN** : 1, 5, 7, 10, 13, 19, 23, 25, 27, 31, 35, 37, 39, 43, 51, 53, 55, 59, 61, 65
PRACTICE : 9, 17, 21, 29, 41, 45, 67
TEST : 2, 6, 18, 20, 24, 28, 34, 38, 40, 42, 46, 54, 56, 60-66 EVEN
- 2.5 **LEARN** : 1, 3, 7, 11, 13, 19, 25, 27, 31, 41, 43, 47-55 ODD, 59, 73, 75
PRACTICE : 5, 9, 17, 21, 23, 29, 45, 57
TEST : 4, 6, 8, 12, 14, 20, 22, 26, 28, 32, 42, 44, 48, 50, 56, 60, 70

SECTIONS INCLUDED ON MIDTERM 1 BUT NOT QUIZ 1

- 2.6 **LEARN** : 3, 7, 11, 13, 17, 23, 27, 31-39 ODD, 43, 45, 47, 55, 59, 65, 67
PRACTICE : 9, 19, 26, 32, 41, 49, 57
TEST : 2, 4, 10, 12, 22, 28, 30, 36-42 EVEN, 50-58 EVEN
- 2.7 **LEARN** : 3, 5, 9, 11, 15, 17, 19, 25, 27, 29, 33, 35, 39, 43, 45, 49, 53, 55, 57
PRACTICE : 7, 13, 21, 24, 31, 41, 47, 51
TEST : 4-12 EVEN, 16, 18, 22, 26, 28, 32, 34, 36, 40, 44, 48, 50, 54, 58
- 2.8 **LEARN** : 1a-d, 3-9 ODD, 13, 23, 27, 33, 35, 39, 41, 45, 51, 55, 57, 65
PRACTICE : 1e-h, 11, 25, 29, 31, 43, 49
TEST : 2-14 EVEN, 26, 28, 32, 34, 40, 42, 46, 50, 52, 58, 60, 64

SECTIONS INCLUDED ON MIDTERM 2

SECTIONS INCLUDED ON BOTH QUIZ 2 & MIDTERM 2

- 3.1 **LEARN** : 3-9 ODD, 17, 19, 23, 35, 37, 41, 45, 53, 59, 63, 71, 73, 87
PRACTICE : 11, 21, 25, 27, 31, 33, 39, 43, 47, 55, 57, 61, 75, 79
TEST : 8-20 EVEN, 24, 28, 32, 36, 40, 42, 46, 54ab, 56, 64, 66, 72, 74, 86

3.2	LEARN	:	1, 5, 9, 11, 15, 23, 27, 31, 37, 41, 43, 45, 49, 53, 55, 59, 63
	PRACTICE	:	3, 7, 13, 17, 21, 29, 33, 47, 51, 57
	TEST	:	2, 4, 8, 12, 18, 20, 24, 28, 34, 38, 42-54 EVEN, 58, 60
3.3	LEARN	:	1, 3, 5, 13, 15, 21, 23, 31, 37-45 ODD, 49, 53, 61, 63
	PRACTICE	:	7, 9, 17, 19, 25, 29, 35, 47, 55, 59
	TEST	:	2, 4, 10, 16-26 EVEN, 30, 34-40 EVEN, 44ab, 46, 50, 58-64 EVEN
3.4	LEARN	:	1, 7, 13, 15, 19, 21, 23, 31, 37, 41, 45, 47, 51, 53, 61, 65, 67, 71, 75, 81, 93
	PRACTICE	:	5, 9, 17, 27, 29, 33, 39, 43, 49, 55, 59, 69, 73, 77, 83, 89
	TEST	:	6, 8, 10, 14, 16, 18, 22, 28, 30, 32, 36, 38, 42, 44, 46, 50, 54, 60, 66, 68, 70, 74, 76, 78, 82, 84, 90, 96, 98a, 102

SECTIONS INCLUDED ON MIDTERM 2 BUT NOT QUIZ 2

3.5	LEARN	:	1, 5, 9, 13, 17, 21-27 ODD, 35, 39, 43, 47, 53, 57, 61, 65
	PRACTICE	:	3, 7, 15, 19, 33, 41, 49, 55, 63
	TEST	:	4, 8, 14, 16, 20, 22, 24, 26, 34, 42, 44, 50, 54, 58
3.6	LEARN	:	1, 3, 11, 13, 17, 19, 21, 23, 29, 33, 39, 43, 45, 51, 57, 61, 67, 69, 75, 79, 81, 83
	PRACTICE	:	9, 15, 25, 35, 37, 47, 53, 71, 77
	TEST	:	6, 8, 10, 14, 18-30 EVEN, 36, 40, 44, 46, 56, 58, 60, 68, 72-80 EVEN
3.9	LEARN	:	3, 7, 13, 19, 27, 37, 45, 51
	PRACTICE	:	5, 15, 29, 31, 35, 43, 47
	TEST	:	4, 6, 14, 16, 20, 22, 32, 46, 52
3.10	LEARN	:	1, 5, 7, 13, 21, 25, 27, 31, 37, 41, 51a
	PRACTICE	:	3, 9, 17, 29, 33, 39, 43
	TEST	:	4, 6, 10, 14, 22, 24, 30, 36, 38, 42, 52a

SECTIONS INCLUDED ON MIDTERM 3

SECTIONS INCLUDED ON BOTH QUIZ 3 & MIDTERM 3

4.1	LEARN	:	1, 3, 7, 11, 17, 19, 23, 27, 31, 35, 41, 45, 53, 57, 61, 63
	PRACTICE	:	5, 9, 13, 21, 25, 33, 37, 43, 47, 55, 59, 65
	TEST	:	2, 4, 6, 10, 12, 18, 20, 28, 32, 38, 42, 44, 46, 54, 58, 60, 62, 64, 80
4.2	LEARN	:	1, 5, 9, 13, 15, 19, 23, 27, 29, 39, 41
	PRACTICE	:	3, 7, 17, 21, 25, 31, 37
	TEST	:	2-10 EVEN, 14, 16, 20, 22, 24, 30, 34, 38, 40, 42
4.4	LEARN	:	1, 3, 5, 11, 13, 19, 21, 25, 31, 37, 43, 49, 51, 57, 61, 65, 75, 77, 89
	PRACTICE	:	7, 15, 17, 23, 27, 33, 35, 41, 47, 53, 59, 63, 67
	TEST	:	2, 4, 6, 14, 16, 18, 22, 24, 26, 30-44 EVEN, 54, 58, 60, 66, 70, 76, 78
4.3	LEARN	:	1-9 ODD, 13, 17, 19, 25, 29, 31, 37, 43, 49, 53, 59, 77, 89
	PRACTICE	:	11, 15, 21, 27, 33, 39, 55, 65
	TEST	:	2-8 EVEN, 12, 16, 18, 22, 26-32 EVEN, 40, 42, 44, 50, 54, 62, 64, 76, 78, 88

SECTIONS INCLUDED ON MIDTERM 3 BUT NOT QUIZ 3

4.9	LEARN	:	7, 11, 15, 19, 21, 31, 35, 37, 43, 45, 55, 59, 61, 67
	PRACTICE	:	9, 13, 23, 33, 39, 49, 57, 69
	TEST	:	8, 10, 14-26 EVEN, 32, 34, 36, 42, 44, 48, 58, 60, 68, 72
10.1	LEARN	:	3, 9, 15, 23, 27, 31, 37, 39, 43, 45, 51, 55
	PRACTICE	:	5, 11, 19, 25, 33, 41, 47, 57
	TEST	:	4, 10, 16, 24, 26, 30, 32, 34, 40, 46, 56

10.2 In Math 1A, we will only cover the material under the subheading TANGENTS (pages 673-675)
The remaining material on AREAS, ARC LENGTH & SURFACE AREA will be covered in Math 1B

LEARN : 1, 5, 7, 13, 15, 19, 21, 25, 33
PRACTICE : 3, 9, 11, 17, 23, 29
TEST : 2, 8, 12, 14, 16, 20, 22, 26

SECTIONS INCLUDED ON QUIZ 4

4.7 LEARN : 3, 11, 15, 21, 25, 29, 35, 41, 43, 45, 55, 81
PRACTICE : 7, 13, 19, 23, 27, 83
TEST : 2, 8, 14, 18, 20, 26, 34, 36, 42, 60, 84

4.5 LEARN :
PRACTICE :
TEST :

4.8 LEARN :
PRACTICE :
TEST :