

**Purpose:** Learn problem solving strategies and prepare for MathOlympiads (MOEMS Div E) contest.

**Weekly homework:** 10 problems from "MOEMS Vol 1" (2 pages)+ Daily Warmups G6 (3 pages)

1st Sem	Fri	Sat	Content	MO v1 Due	DWU6 (3pges)
1.	9/8/17	9/9/17	Orientation & Assessment		
2.	9/15/17	9/16/17	What every young mathlete should know	Olympiad 1,2	P6-8
3.	9/22/17	9/23/17	A System for Problem Solving	Olympiad 3,4	P9-11
4.	9/29/17	9/30/17	Divisibility	Olympiad 5,6	P12-14
5.	10/6/17	10/7/17	Modular Arithmetic and Remainder	Olympiad 7,8	P15-17
6.	10/13/17	10/14/17	Factor, Prime, and Composite	Olympiad 9,10	P18-20
7.	10/20/17	10/21/17	Multiples and LCM	Olympiad 11, 12	P21-23
8.	10/27/17	10/28/17	GCF and LCM problems	Olympiad 13, 14	P24-26
9.	11/3/17	11/4/17	Fraction	Olympiad 15, 16	P27-29
10.	11/10/17	11/11/17	Mock#1	Olympiad 17, 18	P30-32
11.	11/17/17	11/18/17	Contest#1(11/14/17)	Olympiad 19, 20	P33-35
Tkgiving	11/24/17	11/25/17	NO class	NO class	NO class
12.	12/1/17	12/2/17	Add / Sub Fraction	Olympiad 21, 22	P36-38
13.	12/8/17	12/9/17	Mock#2	Olympiad 23, 24	P39-41
14.	12/15/17	12/16/17	Contest#2 (12/12/17)	Olympiad 25, 26	P42-44
Xmas	12/22/17	12/23/17	NO class	NO class	NO class
New Yr	12/29/17	12/30/17	NO class	NO class	NO class
15.	1/5/18	1/6/18	Multiply and Mixed Fraction	Olympiad 27, 28	P45-47
16.	1/12/18	1/13/18	Mock#3	Olympiad 29, 30	P48-50
17.	1/19/18	1/20/18	Contest#3 (1/16/18)	Olympiad 31, 32	P51-53
2nd Sem	Fri	Sat	Content	MO v1 Due	DWU6 (3pges)
1.	1/26/18	1/27/18	Ratio and Proportion	Olympiad 33, 34	P54-56
2.	2/2/18	2/3/18	Mock#4	Olympiad 35, 36	P57-59
3.	2/9/18	2/10/18	Contest#4 (2/13/18)	Olympiad 37, 38	P60-62
Wntr Brk	2/16/18	2/17/18	NO class	NO class	NO class
4.	2/23/18	2/24/18	Percent	Olympiad 39, 40	P63-65
5.	3/2/18	3/3/18	Mock#5	Olympiad 41, 42	P66-68
6.	3/9/18	3/10/18	Contest#5 (3/6/18)	Olympiad 43, 44	P69-71
7.	3/16/18	3/17/18	Work and Rate	Olympiad 45, 46	P72-74
8.	3/23/18	3/24/18	Factorials	Olympiad 47, 48	P75-77
9.	3/30/18	3/31/18	Working with Algebraic Expressions	Olympiad 49, 50	P78-80
10.	4/6/18	4/7/18	Contest#6	Olympiad 51, 52	P81-83
Sp Brk	4/13/18	4/14/18	NO class	NO class	NO class
11.	4/20/18	4/21/18	Solving Equations	Olympiad 53, 54	P84-86
12.	4/27/18	4/28/18	Writing equation with word problems	Olympiad 55, 56	P87-89
13.	5/4/18	5/5/18	Solving word problems with Geometry- Optimizing Perimeter and Area	Olympiad 57, 58	P90-92
14.	5/11/18	5/12/18	Month-Year-Century problems / Time Zone	Olympiad 59, 60	P93-95
15.	5/18/18	5/19/18	Palindrome	Olympiad 61, 62	P96-98
16.	5/25/18	5/26/18	Statistics: Range, Median, Mean, Mode	Olympiad 63, 64	P99-101
17.	6/1/18	6/2/18	Games and Party	Olympiad 65, 66	P102-105

[www.mathedge.org](http://www.mathedge.org)

**Cupertino Location:**

7250 Bark Lane, San Jose CA 95129  
Ph: (408) 725-2680, Email: [mathedge@gmail.com](mailto:mathedge@gmail.com)

**PaloAlto Location:**

505 E Charleston Rd, Rm 9, Palo Alto, CA 94306  
Ph: (408) 966-9556 Email: [mathedge.paloalto@gmail.com](mailto:mathedge.paloalto@gmail.com)