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**1.**

**2.**

**3.**

Matlab

**4.**

4.1                    12                    28

                          40 2.5                    48 3                    32 2

                          32 2                    56 3.5                    48 3

                          (                    ) 72 4.5                    24

1.5                                    32 2                                    32 2

                          32 2

4.2                                    11                                    28

                          40 2.5                    48 3                    32 2

48 3                    48 3                    40 2.5

                          (72 4.5)                    (24 1.5)

(32 2)                    32 2                    32 2

**5.**

5.1                                    3                                    8.5

                          32 2                    56 3.5                    48 3

5.2                                    3                                    8.5

                          48 3                    48 3                    40 2.5













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												1	2	3	4	5	6			7
1201111B 1201121B 1201131B 1201141B 1201151B 1201161B 1201171B 1201181B		O	(128)	(64)			(64)	2			0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1-10	
1500011B 1500021B 1500031B 1500041B			176	160			16	10	1	2.5	2.5	2.5	2.5						1-20	
5100041B 5100051B 5100061B 5100071B			144	144			256 ( )	2	1	0.5	0.5	0.5	0.5						1-20	
1200141B 1200151B			88	56			32	3.5	2					2	1.5				10-20	
1200021B			48	32			16	2	1		2								10-20	
1200081B			40	32			8	2	0.5				2						10-20	
1200051B			48	32			16	2	1	2									10-20	
5200011B		O	32	24			8	1.5		1.5									10-20	
5200021B		O	32	24			8	1.5		1.5									1-6	
1400211B 1400221B	A	√	192	192				12		6	6								1-16	
1000231B 1000241B	B	√	116	112	4			7			3	4							1-16	
0600011B		√	32	24	8			2		2									1-10	
1400071B		√	40	40				2.5			2.5								1-10	
1400091B		√	48	48				3				3							1-12	
0500101B	C/C++	√	48	24		24		3			3								1-12	
1100011B		√	24	24				1.5										1.5	10-20	
			1108	968	12	24	104	57.5	6.5	16.25	19.75	10.25	5.25	2.25	1.75	1.75	0.25			
9																				

1750012B				8	8			0.5		0.5										1-2
0200011B 0200021B	A		√	88	80	8		5.5		2.5	3									1-12
0700012B	A		√	80	72	8		5				5								1-20
0700052B	B		√	64	56	8		4					4							1-16
0400052B	A		√	72	48	24		4.5				4.5								1-16
0211302B			√	56	56			3.5					3.5							1-14
0210003B 0210013B	1 2			24		24		1					0.5	0.5						12-20
0211012B			√	56	56			3.5						3.5						1-14
0305062B			√	32	28	4		2						2						10-20
1750022B			√	40	36	4		2.5						2.5						1-10
1750032B			√	48	44	4		3						3						8-20
1750042B			√	32	30	2		2							2					1-8
0270252B	1( )		√	40	36	4		2.5					2.5							1-10
0270262B	2( )		√	32	28	4		2						2						1-10
1751012B			√	32	32			2						2						10-20
1751022B			√	56	50	6		3.5							3.5					1-14
1751032B			√	48	46	2		3								3				1-12
1755012B			√	48	42	6		3						3						1-12
1755022B			√	48	42	6		3							3					1-12
1755032B			√	40	36	4		2.5								2.5				1-10
				808	706	102	0	0	50	0	3	3	9.5	10.5	15.5	5.5	3	0		

									1	2	3	4	5	6	7	8		
1751040X	Freescal			32	24		8	2						2				1-8
1755200X	MATLAB			24	24			1.5								1.5		10-20
1751020X				24	20	4		1.5						1.5				1-8
1751010X				24	24			1.5						1.5				1-6
1751030X				24	24			1.5						1.5				8-14
1751050X				32	28	4		2							2			1-8
1751060X				24	20	4		1.5							1.5			1-8
1751070X				24	20	4		1.5							1.5			10-20
1751080X				24	24			1.5						1.5				10-20
1751090X				24	16	8		1.5							1.5			1-8
1751100X				24	20	4		1.5							1.5			10-20
1751110X				24	20		4	1.5							1.5			10-20
1751120X				32	20		12	2							2			1-8
1751130X				16	16			1						1				1-4
1751140X				24	20		4	1.5							1.5			10-20
1751150X				24	24			1.5							1.5			10-20
1751160X				24	24			1.5							1.5			10-20
1751170X				24	24			1.5							1.5			10-20
1751180X				24	24			1.5						1.5				10-20
1751190X				24	24			1.5							1.5			10-20
1751210X				24	24			1.5							1.5			1-8
1751220X				24	24			1.5							1.5			1-8
1755020X				24	24			1.5						1.5				1-8
1755040X				32	32			2						2				10-20
1755050X				24	20	4		1.5							1.5			1-8
1755060X				24	24			1.5							1.5			10-20
1755070X				24	24			1.5							1.5			10-20
1755080X				24	24			1.5							1.5			1-8
1755090X				32	32			2						2				1-8
1755100X				24	20	4		1.5							1.5			1-8
1755110X				24	20	4		1.5							1.5			10-20
1755120X				32	28	4		2							2			1-8
1755130X				32	28	4		2							2			1-8
1755140X				24	24			1.5						1.5				8-13
1755150X				24	20		4	1.5							1.5			10-20
1755160X				24	20		4	1.5							1.5			10-20
1755170X				24	24			1.5							1.5			10-20
1755180X				24	16		8	1.5							1.5			10-20
1755190X				32	32			2							2			1-8
				464	420	44	20	0	29	0	0	0	0	0	0	7	22	0
				320					19.5					2	7	10.5		



						1	2	3	4	5	6	7	8	
5700013B		O	0.5			0								
5200023B		O	2			2	2							
5700023B 5700033B 5700043B 5700053B 5700063B 5700073B 5700083B 5700093B		O	1			0								
5600013B		O	8			0.5					0.5			
1750014B		O				4							4	
1750013B			0.5			0								
5300013B	A		6			6	2	4						
0210023B			1			1			1					20
0210053B			3	8		3				3				19-20
1000013B 1000023B			48	48		2		1	1					
1751003B			1			1				1				5
1751013B			1			1					1			
1751023B			3			3						3		17-19
1751033B			1			1			1					
1751043B			1			1					1			
1751053B			2			2							2	1-2
1751063B			14			14							14	3-16
1755003B			1			1				1				5
1755013B			2			2					2			19-20
1755023B			1			1						1		
1755033B			2			2						2		19-20
1755043B			1			1			1					
1755053B			2			2							2	1-2
1755063B			14			14							14	3-16
						0								
			37	8	0	41.5	2	2	5	3	4	2.5	3	20

				1	2	3	4	5	6	7	8		
			1032	64	17.5	21.5	11	6	3.25	2.75	1.75	0.25	34%
			144	9				3	1	4	1		5%
			698	50	3	3	9.5	10.5	15.5	5.5	3	0	26%
			320	19.5	0	0	0	0	2	7	10.5	0	10%
			96	6						3	3		3%
	4		37	41.5	2	2	5	3	4	2.5	3	20	22%
			2290	190	22.5	26.5	25.5	22.5	25.75	24.75	22.25	20.25	100%
			190										