

Maths Summer Challenge Booklet Answers

Challenge 1

1.

4	3	8
9	5	1
2	7	6

4	9	2
3	5	7
8	1	6

2.

13	3	6	12
2	16	9	7
11	5	4	14
8	10	15	1

6	7	9	12
15	10	8	1
2	3	13	16
11	14	4	5

3.

24	5	16	8	12
18	7	14	25	1
15	21	3	17	9
2	19	10	11	23
6	13	22	4	20

17	3	9	11	25
6	15	22	18	4
23	19	1	10	12
5	7	13	24	16
14	21	20	2	8

Challenge 2

1		2		3			4
3	8	2		3	7	3	1
5		5	6	0			8
7	8				9		
4	2		7		1	0	6
	10			11			
	4	9	5	7			6
12			13			14	
1			1	2	6	4	
15						16	17
2	0	5		8		5	7
			18		19		
3			4	0	6		1
20					21		
3	6	3	1		2	3	2

Challenge 3

72	-	61	=	11
+		-		+
53	+	58	=	111
=		=		=
125	-	3	=	122

58	+	55	=	113
+		-		+
61	-	16	=	45
=		=		=
119	+	39	=	158

79	+	86	=	165
+		-		+
75	-	60	=	15
=		=		=
154	+	26	=	180

77	+	83	=	160
-		+		-
66	-	60	=	6
=		=		=
11	+	143	=	154

84	+	80	=	164
+		-		+
57	-	19	=	38
=		=		=
141	+	61	=	202

53	-	39	=	14
+		+		+
92	-	37	=	55
=		=		=
145	-	76	=	69

Challenge 4

1. Easy

8	6	7	5	3	4	2	1	9
1	4	9	8	6	2	3	5	7
2	3	5	9	1	7	4	8	6
6	1	4	7	8	5	9	3	2
9	5	3	2	4	1	6	7	8
7	8	2	6	9	3	1	4	5
5	7	1	4	2	9	8	6	3
4	2	8	3	7	6	5	9	1
3	9	6	1	5	8	7	2	4

2. Medium

8	9	7	2	6	1	3	5	4
4	1	5	9	8	3	7	6	2
2	6	3	7	4	5	1	9	8
3	5	6	4	7	8	2	1	9
9	7	4	1	3	2	6	8	5
1	2	8	6	5	9	4	3	7
7	4	9	5	1	6	8	2	3
6	3	2	8	9	4	5	7	1
5	8	1	3	2	7	9	4	6

3. Hard

8	5	3	2	9	1	7	4	6
9	2	7	5	6	4	1	3	8
1	6	4	8	7	3	5	9	2
2	3	9	7	5	6	8	1	4
6	4	5	1	8	9	2	7	3
7	8	1	3	4	2	6	5	9
3	1	8	9	2	7	4	6	5
5	9	6	4	1	8	3	2	7
4	7	2	6	3	5	9	8	1

4. Evil

3	4	7	1	5	9	2	6	8
1	9	6	7	2	8	5	4	3
2	8	5	6	4	3	1	9	7
7	3	4	8	9	1	6	2	5
5	1	8	2	7	6	4	3	9
9	6	2	5	3	4	8	7	1
4	5	1	9	6	7	3	8	2
8	7	3	4	1	2	9	5	6
6	2	9	3	8	5	7	1	4