

Magnets with manipulatives III – solutions

+ 2 1 1

2	x	x	+	-	+	-	
	+	x	-	+	x	x	
2	-	x	+	-	+	-	3
	+	-	x	x	-	+	
	-	+	x	x	+	-	
	2	1		1	3	-	

+ 2 2 1 2

3	-	+	-	+	-	+	3
2	+	x	x	-	+	x	1
1	x	x	+	x	-	x	
2	-	+	-	x	x	+	2
	+	-	x	x	x	-	
	2	1	2			-	

+ 2 2 1 0

	+	-	x	x	x	x	
2	-	x	+	x	x	+	
	+	x	-	x	x	-	
	x	-	+	-	x	x	
3	x	+	-	+	-	+	2
			1	1		-	

+ 1 2 1

	-	+	-	x	x	x	2
3	+	-	+	x	-	+	
	x	x	x	x	+	-	1
3	x	+	-	+	-	+	2
2	x	-	+	-	+	-	3
			1			-	

+ 1 2 2

2	x	x	+	-	+	-	2
	x	x	-	+	-	+	
	-	+	x	x	+	-	
2	+	-	+	x	x	x	1
2	-	+	-	+	-	x	3
			2		2	-	

+ 1 2 1

	+	-	+	-	x	x	2
1	x	x	x	x	+	-	
	x	+	x	x	x	x	0
2	x	-	x	+	-	+	2
	x	+	-	x	x	-	
			2		2	-	

+ 2 2 2

2	+	-	x	x	+	-	2
	-	+	x	+	-	+	
1	+	x	x	-	x	x	
1	-	x	+	x	x	-	2
2	x	x	-	+	-	+	2
			2	1		2	-

+ 1

1	-	+	x	x	x	x	
	x	x	-	+	-	x	
2	+	-	+	x	x	x	1
	x	x	x	x	x	-	
3	-	+	x	+	-	+	2
			1	0	2	1	-