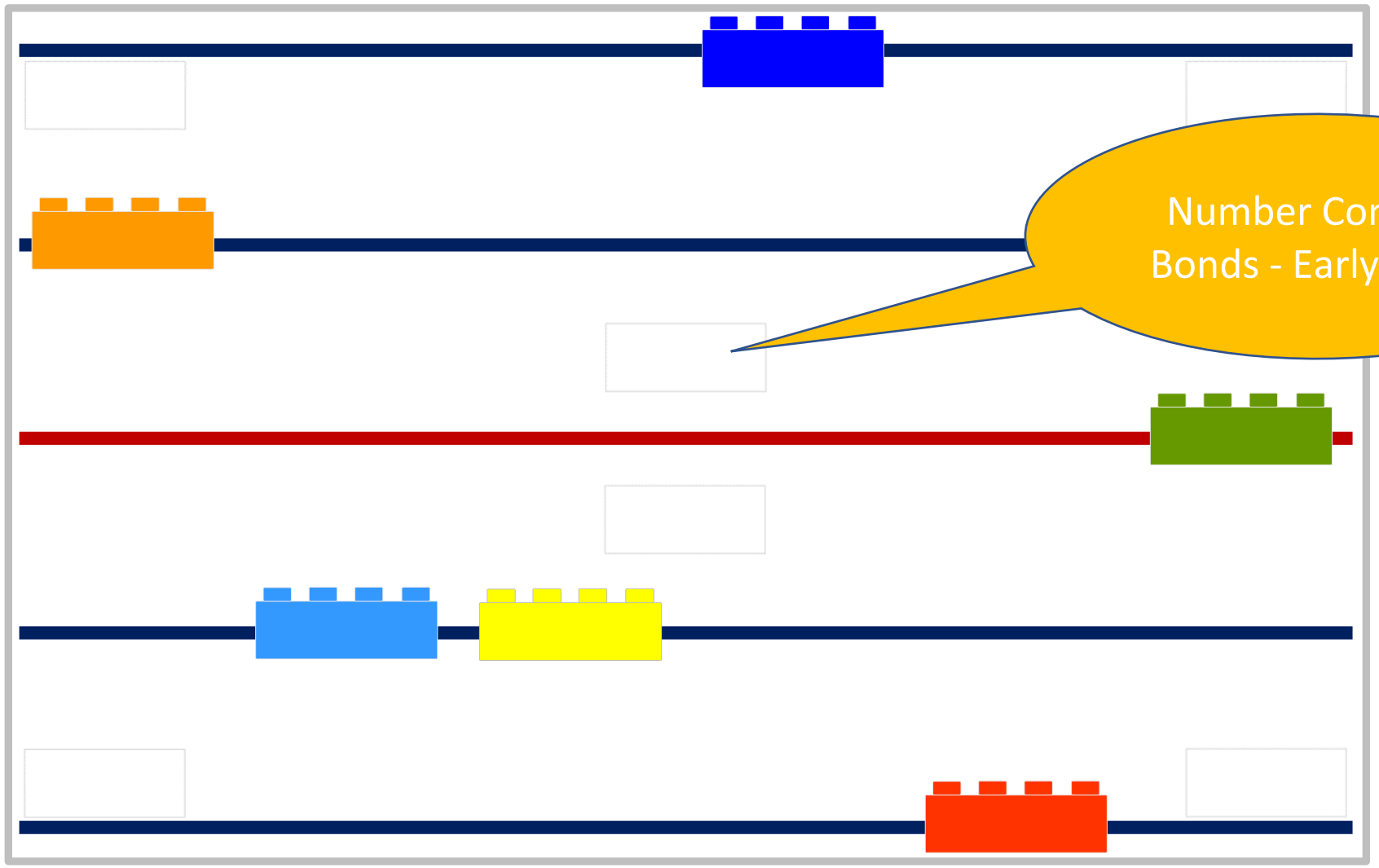
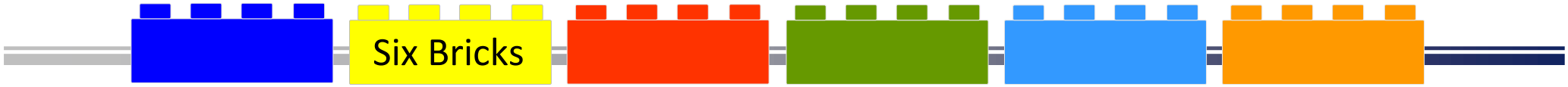


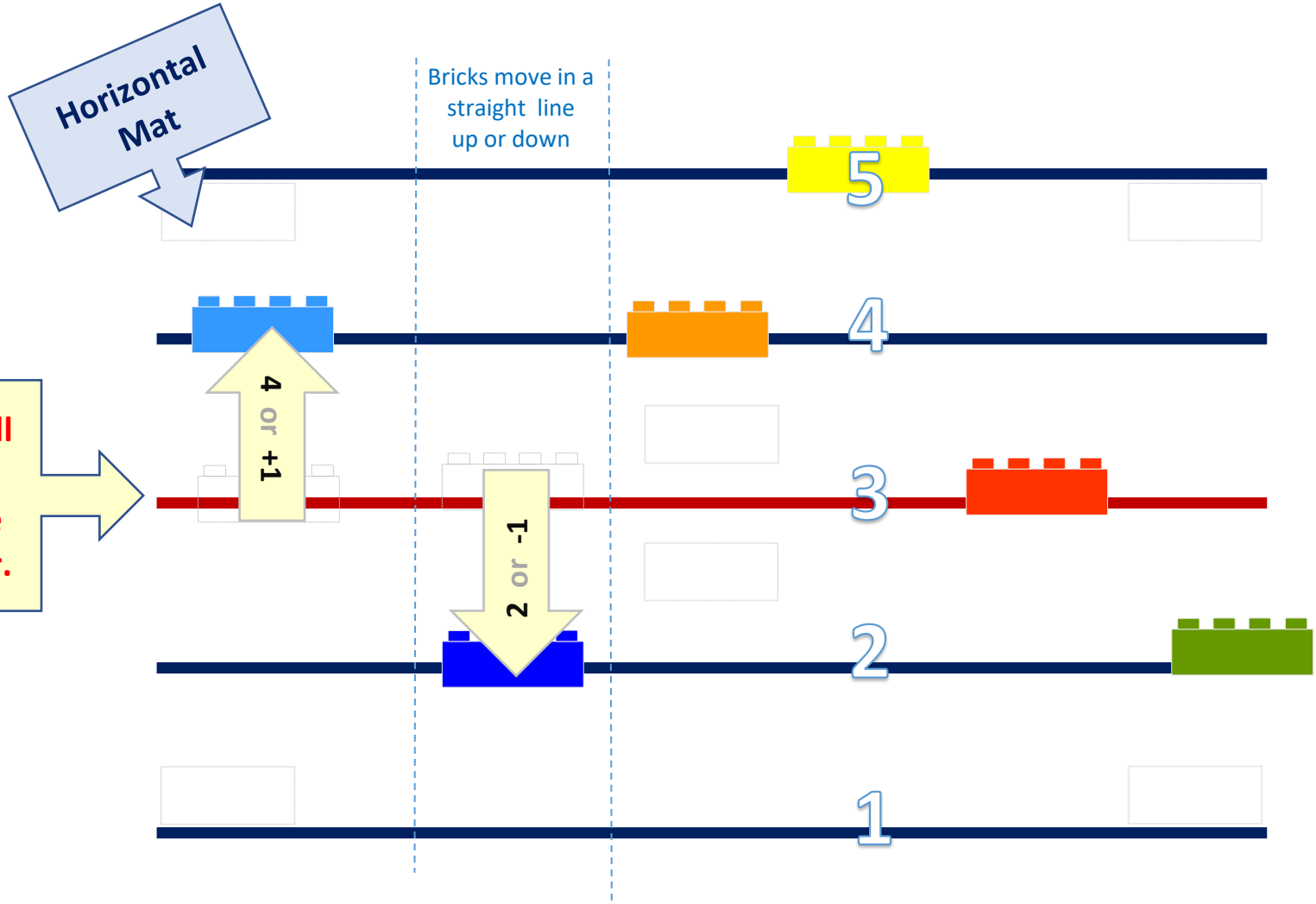
Six Bricks

Crossing the B-Line

(number concept 1 -5 & 1- 10, bonds, addition, subtraction, more, less, association, substitution)



Crossing the B-Line : Maths Movements Horizontal Mat Layout



Use for all numbers 1 - 5

-1	=	backward 1 line
+1	=	forward 1 line
-2	=	backward 2 lines
+2	=	forward 2 lines

If answer to equation = 1 to 5 = move brick to this line

Crossing the B-Line : Maths Movements Vertical Mat Layout

Use for all numbers 1 - 5

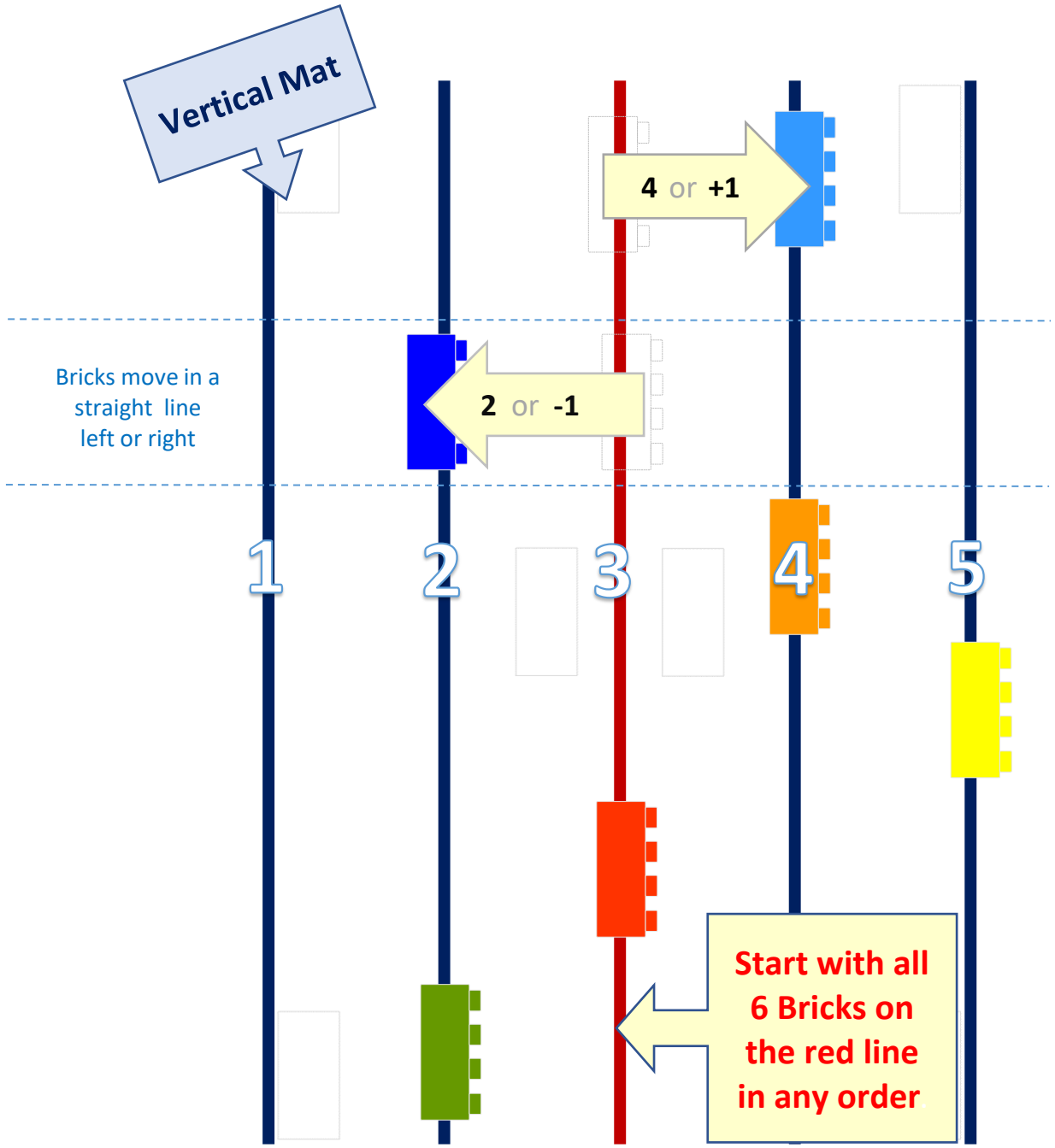
-1 = left 1 line

+1 = right 1 line

-2 = left 2 lines

+2 = right 2 lines

1 - 5 = move brick to this line



Number Concept (1 to 5)

Maths Option 1

Yellow	to	4
Light Blue	to	1
Green	to	5
Orange	to	2
Dark Blue	to	5
Red	to	2
Green	to	2
Light Blue	to	4
Dark Blue	to	1
Red	to	5
Yellow	to	3
Orange	to	5
Red	to	3
Green	to	4
Light Blue	to	1
Orange	to	3
Dark Blue	to	5
Green	to	3
Dark Blue	to	1

Both Blues on line 1
Rest on Red line

Which did you move 1st ?
Yellow

Maths Option 2

Red	to	5
Yellow	to	1
Dark Blue	to	2
Green	to	4
Red	to	3
Light Blue	to	2
Orange	to	5
Yellow	to	4
Red	to	2
Orange	to	1
Light Blue	to	4
Green	to	5
Dark Blue	to	5
Green	to	2
Orange	to	5
Yellow	to	2
Orange	to	3
Light Blue	to	2
Dark Blue	to	2

Orange ends on Red line
Rest end on line 2

Which did you move 1st ?
Red

Maths Option 3

Dark Blue	to	5
Red	to	1
Light Blue	to	5
Yellow	to	1
Green	to	5
Orange	to	1
Yellow	to	5
Dark Blue	to	1
Red	to	2
Green	to	4
Orange	to	5
Light Blue	to	1
Yellow	to	3
Green	to	5
Light Blue	to	5
Orange	to	3
Dark Blue	to	5
Green	to	3
Red	to	3

Both Blues on line 5
Rest on Red line

Which did you move 2nd last ?
Green

Maths Option 4

Yellow	to	1
Orange	to	2
Red	to	4
Light Blue	to	5
Dark Blue	to	4
Green	to	2
Red	to	1
Yellow	to	2
Dark Blue	to	3
Orange	to	4
Green	to	5
Light Blue	to	4
Red	to	3
Light Blue	to	2
Orange	to	1
Green	to	1
Red	to	1
Light Blue	to	3
Yellow	to	1

Both Blues end on Red line
Rest on line 1

Which did you move 1st ?
Yellow

Maths Option 5

Light Blue	to	2
Green	to	4
Orange	to	2
Dark Blue	to	4
Yellow	to	5
Red	to	1
Orange	to	5
Green	to	1
Light Blue	to	4
Dark Blue	to	2
Green	to	4
Orange	to	2
Red	to	4
Yellow	to	2
Orange	to	5
Dark Blue	to	1
Orange	to	4
Yellow	to	4
Light Blue	to	1

Both Blues on line 1
Rest on line 4

Which did you move last ?
Light Blue

Number Concept (1 to 5)

Maths Option 6

Yellow	to	4
Light Blue	to	1
Green	+	2
Orange	-	1
Dark Blue	to	5
Red	to	2
Green	to	2
Light Blue	to	4
Dark Blue	-	4
Red	+	3
Yellow	to	3
Orange	+	3
Red	-	2
Green	+	2
Light Blue	-	3
Orange	to	3
Dark Blue	+	4
Green	to	3
Dark Blue	to	1

Both Blues on line 1
Rest on Red line

Maths Option 7

Red	to	5
Yellow	to	1
Dark Blue	-	1
Green	to	4
Red	-	2
Light Blue	to	2
Orange	+	2
Yellow	to	4
Red	-	1
Orange	to	1
Light Blue	+	2
Green	to	5
Dark Blue	+	3
Green	-	3
Orange	to	5
Yellow	to	2
Orange	-	2
Light Blue	-	2
Dark Blue	to	2

Orange ends on Red line
Rest end on line 2

Which did you move 1st ?
Red

Maths Option 8

Dark Blue	+	2
Red	-	2
Light Blue	to	5
Yellow	to	1
Green	+	2
Orange	-	2
Yellow	+	4
Dark Blue	-	4
Red	to	2
Green	to	4
Orange	+	4
Light Blue	-	4
Yellow	to	3
Green	to	5
Light Blue	+	4
Orange	-	2
Dark Blue	+	4
Green	-	2
Red	+	1

Both Blues on line 5
Rest on Red line

Which did you move 2nd last ?
Green

Maths Option 9

Yellow	-	2
Orange	to	2
Red	+	1
Light Blue	to	5
Dark Blue	+	1
Green	-	1
Red	-	3
Yellow	+	1
Dark Blue	to	3
Orange	+	1
Green	to	5
Light Blue	-	1
Red	+	2
Light Blue	-	3
Orange	to	1
Green	-	4
Red	to	1
Light Blue	+	1
Yellow	-	1

Both Blues end on Red line
Rest on line 1

Which did you move last ?
Yellow

Maths Option 10

Light Blue	-	1
Green	+	1
Orange	-	1
Dark Blue	+	1
Yellow	+	2
Red	-	2
Orange	+	3
Green	-	3
Light Blue	+	2
Dark Blue	-	2
Green	+	3
Orange	-	3
Red	+	3
Yellow	-	3
Orange	+	3
Dark Blue	-	1
Orange	-	1
Yellow	+	2
Light Blue	-	3

Both Blues on line 1
Rest on line 4

Which did you move first ?
Light Blue

Simple addition and subtraction (Up to 5)

Maths Option 11

Red	to	3 + 1
Orange	to	5 - 4
Light Blue	to	1 + 1
Green	to	2 - 1
Dark Blue	to	3 + 2
Green	to	4 - 2
Orange	to	3 - 1
Yellow	to	2 + 2
Orange	to	5 + 0
Light Blue	to	1 + 2
Green	to	3 - 0
Red	to	5 - 2
Yellow	to	4 - 3
Dark Blue	to	3 - 1
Green	to	1 + 1
Red	to	5 - 3
Light Blue	to	2 - 0
Orange	to	4 - 1
Yellow	to	3 - 1

Orange ends on Red line
Rest end on line 2

Which did you move 1st ?
Red

Maths Option 12

Dark Blue	to	3 + 2
Red	to	5 - 4
Light Blue	to	1 + 4
Yellow	to	2 - 1
Green	to	3 + 2
Orange	to	4 - 3
Yellow	to	3 + 2
Dark Blue	to	3 - 2
Red	to	2 + 0
Green	to	2 + 2
Orange	to	5 - 0
Light Blue	to	5 - 4
Yellow	to	5 - 2
Green	to	3 + 2
Light Blue	to	1 + 4
Orange	to	5 - 2
Dark Blue	to	5 - 0
Green	to	4 - 1
Red	to	2 + 1

Both Blues on line 5
Rest on Red line

Which did you move 1st ?
Dark Blue

Maths Option 13

Red	to	2 + 3
Yellow	to	2 - 1
Dark Blue	to	4 - 2
Green	to	3 + 1
Red	to	4 - 1
Light Blue	to	4 - 2
Orange	to	3 + 2
Yellow	to	3 + 1
Red	to	3 - 1
Orange	to	3 - 2
Light Blue	to	3 + 1
Green	to	3 + 2
Dark Blue	to	5 - 0
Green	to	4 - 2
Orange	to	4 + 1
Yellow	to	2 + 0
Orange	to	2 + 1
Light Blue	to	1 + 1
Dark Blue	to	5 - 3

Both Blues on line 5
Rest on Red line

Which did you move last ?
Yellow

Maths Option 14

Yellow	to	1 + 0
Orange	to	1 + 1
Red	to	2 + 2
Light Blue	to	3 + 2
Dark Blue	to	2 + 2
Green	to	5 - 3
Red	to	3 - 2
Yellow	to	4 - 2
Dark Blue	to	5 - 2
Orange	to	5 - 1
Green	to	3 + 2
Light Blue	to	5 - 1
Red	to	2 + 1
Light Blue	to	2 - 0
Orange	to	4 - 3
Green	to	3 - 2
Red	to	2 - 1
Light Blue	to	2 + 1
Yellow	to	5 - 4

Both Blues end on Red line
Rest on line 1

Which did you move 2nd ?
Orange

Maths Option 15

Light Blue	to	1 + 1
Green	to	2 + 2
Orange	to	5 - 3
Dark Blue	to	3 + 1
Yellow	to	3 + 2
Red	to	5 - 4
Orange	to	4 + 1
Green	to	0 + 1
Light Blue	to	3 + 1
Dark Blue	to	3 - 1
Green	to	2 + 2
Orange	to	5 - 3
Red	to	3 + 1
Yellow	to	5 - 3
Orange	to	2 + 3
Dark Blue	to	4 - 3
Orange	to	2 + 2
Yellow	to	5 - 1
Light Blue	to	1 + 0

Both Blues on line 1
Rest on line 4

Which did you move last ?
Light Blue

Addition and subtraction by brick (Up to 5)

Maths Option 16

Orange	to	4
Green	to	2
Red	-	1
Dark Blue	to	Light Blue + Green
Yellow	to	Orange - Light Blue
Dark Blue	to	Green + Yellow
Green	to	Dark Blue + Red
Yellow	to	Orange - Red
Red	to	Dark Blue + Yellow
Light Blue	to	Orange - Yellow
Dark Blue	to	Green - Orange
Yellow	to	Dark Blue + Light Blue
Red	to	Green - Orange
Yellow	to	Light Blue - Dark Blue
Light Blue	to	Green - Orange
Orange	to	Yellow + Red
Yellow	to	Red + Orange
Green	to	Yellow - Orange
Orange	to	Yellow - Orange

Yellow on Red line
Rest on line 1

Maths Option 17

Yellow	to	Green + 2
Red	to	Orange + 1
Orange	to	Yellow - Dark Blue
Dark Blue	to	Red - Light Blue
Green	to	Orange + Light Blue
Light Blue	to	Yellow - Red
Red	to	Light Blue + Dark Blue
Green	to	Red + Orange
Orange	to	Light Blue + Green
Dark Blue	to	Red + Light Blue
Yellow	to	Orange - Red
Green	to	Red - Light Blue
Orange	to	Yellow - Red
Yellow	to	Dark Blue + Green
Dark Blue	to	Red - Light Blue
Green	to	Yellow - Orange
Yellow	to	Light Blue + Dark Blue
Red	to	Green - Yellow
Yellow	to	Green - 2

Green on Red line
Rest on line 1

Which col did you start and end with ?
Yellow

Maths Option 18

Red	to	Red - 1
Orange	to	Orange + 2
Light Blue	to	Dark Blue -2
Dark Blue	to	Light Blue + 3
Yellow	to	Green + 2
Green	to	Yellow - 4
Orange	to	Dark Blue - Green
Yellow	to	Orange - Green
Orange	to	Red + Yellow
Light Blue	to	Green + Light Blue
Green	to	Red + Yellow
Red	to	Green + 1
Yellow	to	Dark Blue - 1
Dark Blue	to	Green - Light Blue
Green	to	Red - Orange
Red	to	Light Blue + Dark Blue
Dark Blue	to	Yellow + Green
Light Blue	to	Green + 3
Green	to	Yellow + 1

Yellow on Red line
Rest on line 4

Addition and subtraction by brick (Up to 5)

Maths Option 19

Dark Blue	to	1 + Green
Red	to	Red - 2
Yellow	to	4 + Red
Dark Blue	to	5 - Orange
Red	to	Light Blue + Dark Blue
Orange	to	Green - 2
Green	to	5 - Orange
Red	to	Dark Blue + Orange
Yellow	to	1 + Light Blue
Green	to	Yellow - Light Blue
Orange	to	Green + Dark Blue
Yellow	to	Light Blue + Dark Blue
Orange	to	5 - Green
Red	to	Light Blue + 1
Green	to	Yellow - Light Blue
Dark Blue	to	2 + Green
Yellow	to	Red - Light Blue
Green	to	Light Blue + Yellow
Yellow	to	1 + Light Blue

Light Blue on Red line
Rest on line 4

Maths Option 20

Yellow	to	2 + Red
Red	to	Yellow - 4
Orange	to	Yellow - Red
Dark Blue	to	Light Blue - Red
Green	to	Light Blue - Dark Blue
Light Blue	to	Red + Green
Red	to	4 + Green
Green	to	Light Blue + Dark Blue
Orange	to	5 - Green
Dark Blue	to	Yellow - 1
Yellow	to	Orange + 3
Green	to	Red - Dark Blue
Orange	to	Orange + Green
Yellow	to	Yellow - Light Blue
Dark Blue	to	Green + Green
Green	to	Red - Green
Red	to	Yellow + Orange
Dark Blue	to	Green - Light Blue
Yellow	to	Orange + 2

Three bricks on line 2
Three bricks on line 4

Maths Option 21

Orange	to	Green + 2 - 4
Green	to	1 + 1 + Red
Red	to	Yellow - 1 - 1
Dark Blue	to	Green + 0 - 3
Yellow	to	1 + 2 + Dark Blue
Dark Blue	to	Green - Red - Orange
Green	to	Dark Blue - Red + 2
Yellow	to	Green - Orange - Red
Red	to	Yellow + Orange + 2
Light Blue	to	Green - 3 + Orange
Orange	to	Red - Green + Yellow
Yellow	to	Green - Orange + 0
Red	to	5 - Orange - Yellow
Yellow	to	Light Blue + Dark Blue
Light Blue	to	Green + Red - 0
Orange	to	Dark Blue + Red + 0
Green	to	Light Blue - Red + 1
Red	to	Red + Dark Blue + Red
Orange	to	Green + 5 - 5

Dark Blue on Red line
Rest on line 5

Which col did you start and end with ?
Orange

Subtraction (up to 10) *[Answers are always 1 - 5]*

Maths Option 22

Yellow	to	6 - 2
Red	to	2 - 1
Orange	to	8 - 3
Dark Blue	to	5 - 4
Green	to	7 - 2
Light Blue	to	5 - 3
Red	to	8 - 4
Green	to	7 - 3
Orange	to	6 - 3
Dark Blue	to	9 - 7
Yellow	to	10 - 5
Green	to	9 - 8
Orange	to	8 - 3
Yellow	to	8 - 6
Dark Blue	to	9 - 4
Green	to	8 - 3
Yellow	to	5 - 2
Light Blue	to	9 - 4
Red	to	6 - 1

Yellow on Red line
Rest on line 5

Maths Option 23

Dark Blue	to	3 - 2
Red	to	9 - 4
Yellow	to	5 - 3
Dark Blue	to	7 - 3
Green	to	5 - 4
Orange	to	10 - 8
Green	to	6 - 3
Red	to	5 - 1
Yellow	to	2 - 1
Green	to	9 - 4
Orange	to	7 - 3
Yellow	to	3 - 2
Light Blue	to	5 - 0
Red	to	8 - 7
Orange	to	10 - 9
Dark Blue	to	3 - 2
Light Blue	to	8 - 5
Dark Blue	to	10 - 7
Green	to	5 - 4

Both Blues end on Red line
Rest on line 1

Which did you move 1st ?
Dark Blue

Maths Option 24

Red	to	9 - 5
Orange	to	8 - 3
Light Blue	to	10 - 9
Green	to	9 - 7
Dark Blue	to	9 - 2
Green	to	8 - 4
Yellow	to	9 - 8
Red	to	9 - 4
Orange	to	8 - 5
Light Blue	to	4 - 2
Green	to	8 - 6
Red	to	10 - 7
Orange	to	6 - 1
Yellow	to	6 - 4
Dark Blue	to	3 - 0
Red	to	10 - 8
Orange	to	2 - 1
Dark Blue	to	6 - 5
Green	to	9 - 8

Three bricks on line 1
Three bricks on line 2

Which did you move last ?
Green

Maths Option 25

Red	to	5 - 1
Orange	to	8 - 7
Light Blue	to	4 - 2
Green	to	6 - 5
Dark Blue	to	10 - 5
Green	to	9 - 7
Orange	to	6 - 4
Yellow	to	5 - 1
Orange	to	5 - 0
Light Blue	to	8 - 5
Green	to	10 - 7
Red	to	4 - 1
Yellow	to	8 - 7
Dark Blue	to	5 - 3
Green	to	10 - 8
Red	to	4 - 2
Light Blue	to	8 - 6
Orange	to	9 - 6
Yellow	to	5 - 3

Orange ends on Red line
Rest end on line 2

Which did you move 1st ?
Red

Subtraction (up to 10) *[Answers are always 1 - 5]*

Maths Option 26

Yellow	to	6 - 2
Red	to	2 - 1
Orange	to	8 - 3
Dark Blue	to	5 - 4
Green	to	7 - 2
Light Blue	to	5 - 3
Red	to	Green - 1
Green	to	9 - Orange
Orange	to	Yellow - 1
Dark Blue	to	Red - 2
Yellow	to	7 - Light Blue
Green	to	Orange - 2
Orange	to	8 - Orange
Yellow	to	4 - Dark Blue
Dark Blue	to	9 - Red
Green	to	7 - Yellow
Yellow	to	Green - 2
Light Blue	to	9 - Red
Red	to	8 - Yellow

Yellow on Red line
Rest on line 5

Maths Option 27

Dark Blue	to	3 - 2
Red	to	9 - 4
Yellow	to	Red - 3
Dark Blue	to	6 - Orange
Green	to	3 - Yellow
Orange	to	Light Blue - Green
Green	to	8 - Red
Red	to	6 - Yellow
Yellow	to	Red - Dark Blue
Green	to	9 - Red
Orange	to	Green - Yellow
Yellow	to	Orange - Light Blue
Orange	to	Green - 4
Red	to	Red - Dark Blue
Green	to	6 - Yellow
Dark Blue	to	Green - Light Blue
Yellow	to	4 - Light Blue
Green	to	Light Blue - Dark Blue
Dark Blue	to	6 - 3

Both Blues end on Red line
Rest on line 1

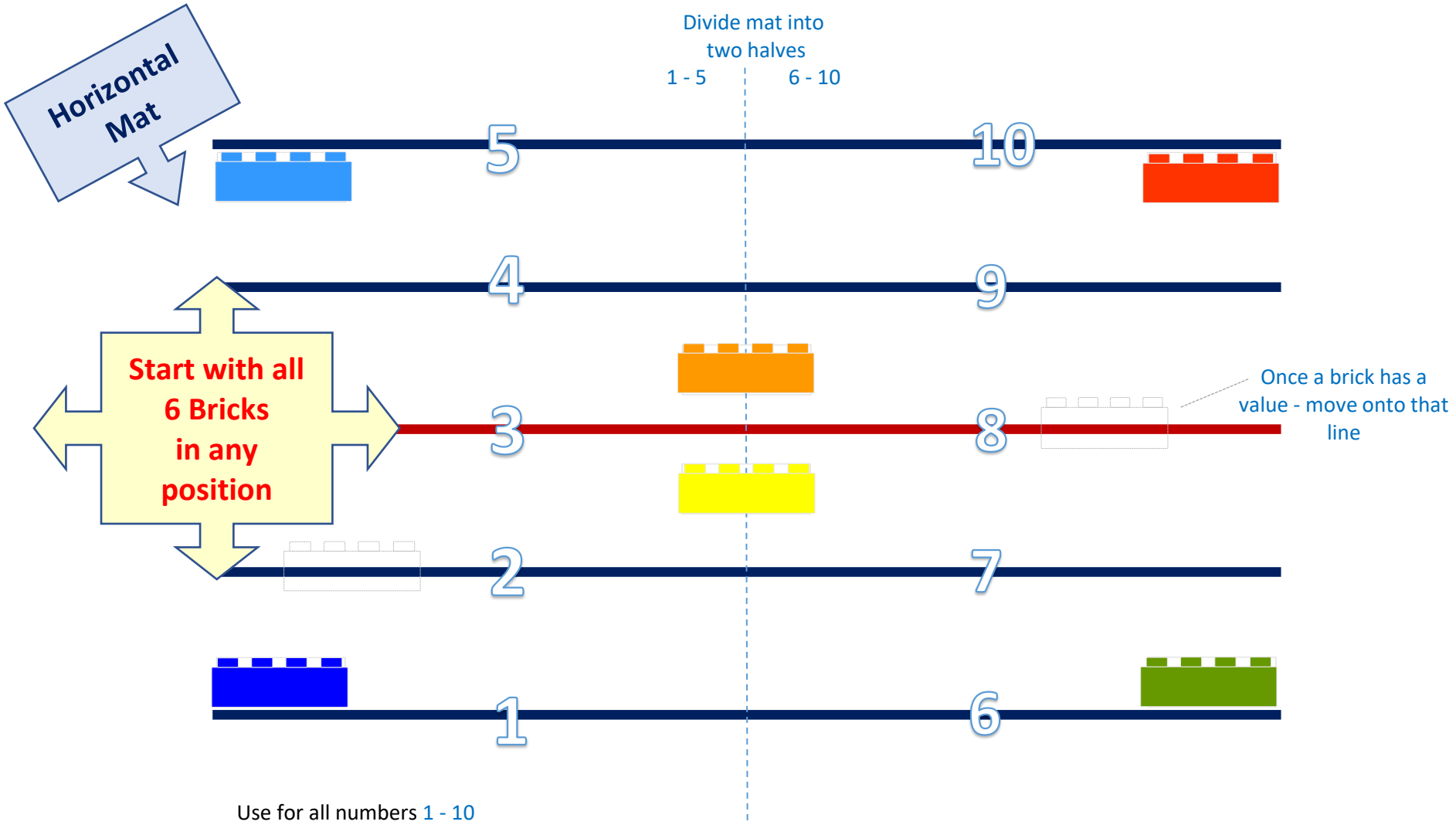
Which did you move 1st ?
Dark Blue

Maths Option 28

Red	to	9 - 5
Orange	to	8 - Dark Blue
Light Blue	to	Red - Green
Green	to	7 - Orange
Dark Blue	to	9 - Red
Green	to	Dark Blue - Light Blue
Yellow	to	Dark Blue - Green
Red	to	6 - Light Blue
Orange	to	Green - Yellow
Light Blue	to	7 - Red
Green	to	Dark Blue - Orange
Red	to	8 - Dark Blue
Orange	to	7 - Light Blue
Yellow	to	Dark Blue - Red
Dark Blue	to	Orange - 2
Red	to	Orange - Dark Blue
Orange	to	Dark Blue - Light Blue
Dark Blue	to	3 - Green
Green	to	3 - Yellow

Three bricks on line 1
Three bricks on line 2

Crossing the B-Line : Maths Movements Horizontal Mat Layout



Use for all numbers 1 - 10

-1	=	backward 1 line
+1	=	forward 1 line
-2	=	backward 2 lines
+2	=	forward 2 lines

If answer to equation = 1 - 10 = move brick to this line

NB may have more than 1 brick on a line/number at a time

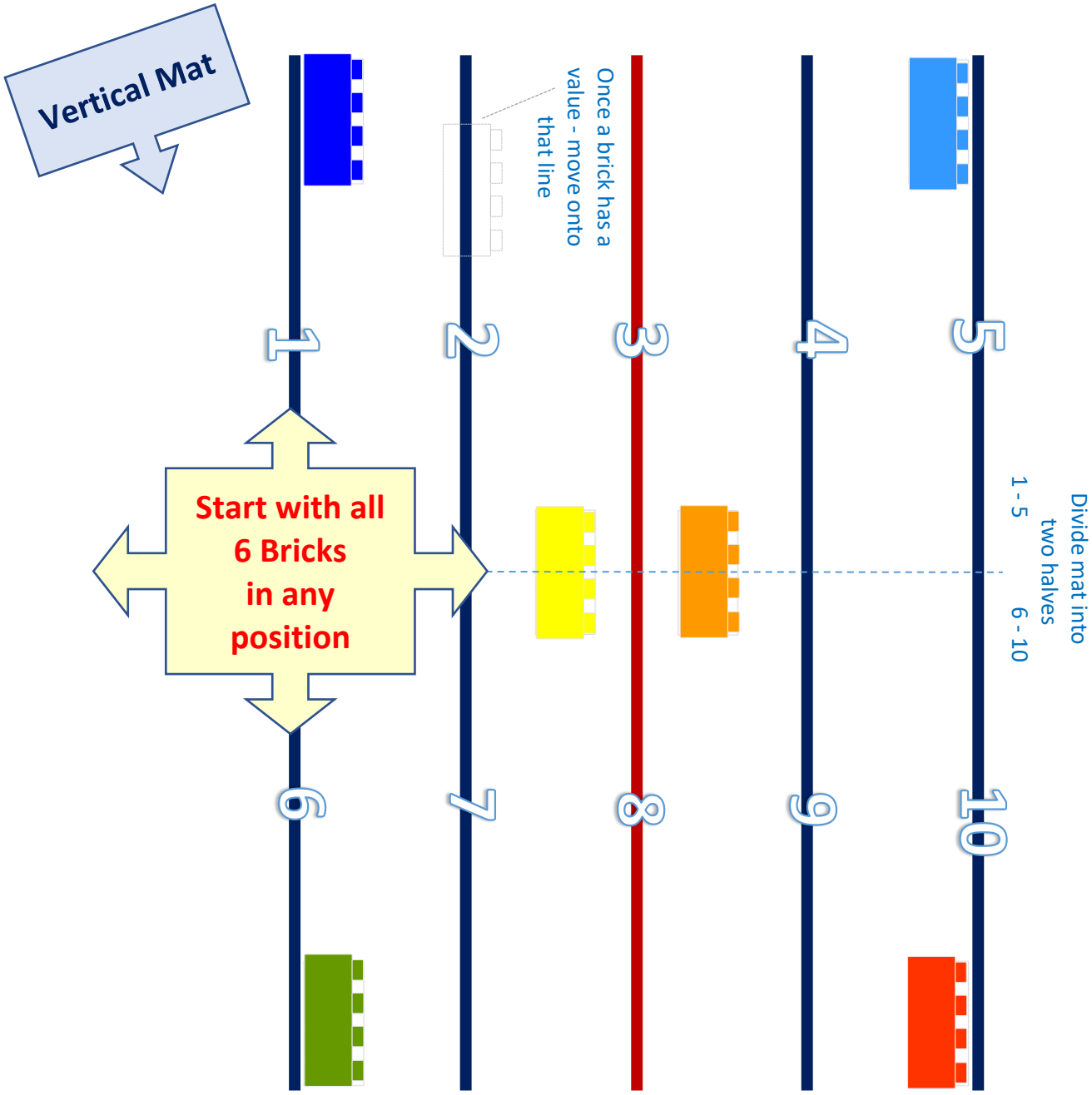
Crossing the B-Line : Maths Movements Vertical Mat Layout

Use for all numbers 1 - 10

-1	=	left 1 line
+1	=	right 1 line
-2	=	left 2 lines
+2	=	right 2 lines

1 - 10 = move brick to this line

NB may have more than 1 brick on a line/number at a time



Number Concept (1 to 10)

B10 Option 1

Yellow	to	4
Light Blue	to	1
Green	to	8
Orange	to	3
Dark Blue	to	6
Red	to	10
Green	to	3
Light Blue	to	9
Dark Blue	to	5
Red	to	7
Yellow	to	9
Orange	to	1
Red	to	5
Green	to	10
Light Blue	to	3
Orange	to	7
Yellow	to	5
Light Blue	to	10
Orange	to	10

All end on top line

Which did you move first ?

Yellow

B10 Option 2

Red	to	7
Orange	to	1
Light Blue	to	9
Green	to	3
Dark Blue	to	7
Green	to	4
Orange	to	9
Yellow	to	5
Orange	to	6
Light Blue	to	10
Green	to	9
Red	to	3
Yellow	to	10
Dark Blue	to	3
Green	to	4
Yellow	to	8
Light Blue	to	3
Orange	to	8
Green	to	6

Green ends on bottom line
Rest on Red line

Which did you move 1st ?

Red

B10 Option 3

Dark Blue	to	4
Red	to	5
Light Blue	to	8
Dark Blue	to	2
Red	to	9
Orange	to	1
Yellow	to	10
Green	to	3
Light Blue	to	10
Green	to	8
Orange	to	4
Yellow	to	6
Orange	to	7
Red	to	2
Green	to	10
Light Blue	to	4
Yellow	to	7
Green	to	2
Light Blue	to	7

All end on second line

Which did you move last ?

Light Blue

B10 Option 4

Yellow	to	9
Orange	to	3
Red	to	6
Light Blue	to	4
Dark Blue	to	9
Green	to	2
Red	to	3
Orange	to	8
Dark Blue	to	6
Light Blue	to	9
Yellow	to	4
Green	to	10
Dark Blue	to	1
Light Blue	to	3
Orange	to	6
Green	to	4
Red	to	5
Orange	to	2
Yellow	to	2

All end on left side of mat

Which did you move first ?

Yellow

B10 Option 5

Light Blue	to	4
Green	to	2
Orange	to	3
Dark Blue	to	10
Yellow	to	2
Light Blue	to	9
Orange	to	7
Green	to	5
Orange	to	6
Dark Blue	to	7
Light Blue	to	2
Red	to	4
Green	to	9
Light Blue	to	4
Orange	to	9
Dark Blue	to	9
Orange	to	6
Yellow	to	9
Green	to	4

Orange ends on line 1
Rest on second last line

Which did you move last ?

Green

Number Concept (1 to 10)

B10 Option 6

Yellow	to	4
Light Blue	to	1
Green	to	8
Orange	to	3
Dark Blue	to	6
Red	to	10
Green	to	3
Light Blue	to	9
Dark Blue	to	5
Red	-	3
Yellow	+	5
Orange	-	2
Red	-	2
Green	+	7
Light Blue	-	6
Orange	+	6
Yellow	-	4
Light Blue	+	7
Orange	+	3

All end on top line

Which did you move last ?

Orange

B10 Option 7

Red	to	7
Orange	to	1
Light Blue	to	9
Green	to	3
Dark Blue	to	7
Green	+	1
Orange	to	9
Yellow	to	5
Orange	+	5
Light Blue	+	1
Green	+	5
Red	-	4
Yellow	+	5
Dark Blue	-	4
Green	to	4
Yellow	-	2
Light Blue	-	7
Orange	+	7
Green	+	2

Green ends on bottom line
Rest on Red line

Which did you move 1st ?

Red

B10 Option 8

Dark Blue	to	4
Red	to	5
Light Blue	to	8
Dark Blue	-	2
Red	+	4
Orange	to	1
Yellow	to	10
Green	to	3
Light Blue	+	2
Green	+	5
Orange	+	3
Yellow	-	4
Orange	+	3
Red	-	7
Green	+	2
Light Blue	-	6
Yellow	to	7
Green	-	8
Light Blue	+	3

All end on second line

Which did you move last ?

Light Blue

B10 Option 9

Yellow	to	9
Orange	to	3
Red	to	6
Light Blue	to	4
Dark Blue	to	9
Green	to	2
Red	-	3
Orange	+	5
Dark Blue	-	3
Light Blue	+	5
Yellow	-	5
Green	+	8
Dark Blue	-	5
Light Blue	-	6
Orange	to	6
Green	-	6
Red	+	2
Orange	-	4
Yellow	-	2

All end on left side of mat

Which did you move first ?

Yellow

B10 Option 10

Light Blue	to	4
Green	to	2
Orange	to	3
Dark Blue	to	10
Yellow	to	2
Light Blue	+	5
Orange	+	4
Green	+	3
Orange	-	1
Dark Blue	-	3
Light Blue	-	7
Red	to	4
Green	+	4
Light Blue	+	2
Orange	+	3
Dark Blue	to	9
Orange	to	6
Yellow	+	7
Green	-	5

Orange ends on line 1
Rest on second last line

Which did you move last ?

Green

Simple addition and subtraction (Up to 10)

A&S Option 1				A&S Option 2				A&S Option 3				A&S Option 4				A&S Option 5			
Red	to	5 + 2	7	Dark Blue	to	9 - 5	4	Yellow	to	5 + 4	9	Yellow	to	8 - 4	4	Light Blue	to	8 - 4	4
Orange	to	5 - 4	1	Red	to	2 + 3	5	Orange	to	0 + 3	3	Light Blue	to	6 - 5	1	Green	to	6 - 4	2
Light Blue	to	1 + 8	9	Light Blue	to	7 + 1	8	Red	to	7 - 1	6	Green	to	5 + 3	8	Orange	to	1 + 2	3
Green	to	6 - 3	3	Dark Blue	to	9 - 7	2	Light Blue	to	9 - 5	4	Orange	to	10 - 7	3	Dark Blue	to	10 - 0	10
Dark Blue	to	3 + 4	7	Red	to	5 + 4	9	Dark Blue	to	5 + 4	9	Dark Blue	to	5 + 1	6	Yellow	to	5 - 3	2
Green	to	6 - 2	4	Orange	to	8 - 7	1	Green	to	8 - 6	2	Red	to	5 + 5	10	Light Blue	to	4 + 5	9
Orange	to	10 - 1	9	Yellow	to	4 + 6	10	Red	to	4 - 1	3	Green	to	5 - 2	3	Orange	to	9 - 2	7
Yellow	to	8 - 3	5	Green	to	6 - 3	3	Orange	to	6 + 2	8	Light Blue	to	6 + 3	9	Green	to	0 + 5	5
Orange	to	9 - 3	6	Light Blue	to	7 + 3	10	Dark Blue	to	7 - 1	6	Dark Blue	to	5 - 0	5	Orange	to	2 + 4	6
Light Blue	to	6 + 4	10	Green	to	2 + 6	8	Light Blue	to	2 + 7	9	Red	to	10 - 3	7	Dark Blue	to	10 - 3	7
Green	to	2 + 7	9	Orange	to	7 - 3	4	Yellow	to	7 - 3	4	Yellow	to	7 + 2	9	Light Blue	to	7 - 5	2
Red	to	9 - 6	3	Yellow	to	4 + 2	6	Green	to	4 + 6	10	Orange	to	8 - 7	1	Red	to	8 - 4	4
Yellow	to	5 + 5	10	Orange	to	10 - 3	7	Dark Blue	to	10 - 9	1	Red	to	2 + 3	5	Green	to	2 + 7	9
Dark Blue	to	7 - 4	3	Red	to	1 + 1	2	Light Blue	to	1 + 2	3	Green	to	8 + 2	10	Light Blue	to	5 - 1	4
Green	to	10 - 6	4	Green	to	3 + 7	10	Orange	to	3 + 3	6	Light Blue	to	10 - 7	3	Orange	to	10 - 1	9
Yellow	to	6 + 2	8	Light Blue	to	8 - 4	4	Green	to	8 - 4	4	Orange	to	3 + 4	7	Dark Blue	to	5 + 4	9
Light Blue	to	5 - 2	3	Yellow	to	5 + 2	7	Red	to	3 + 2	5	Yellow	to	2 + 3	5	Orange	to	2 + 4	6
Orange	to	4 + 4	8	Green	to	5 - 3	2	Orange	to	5 - 3	2	Light Blue	to	9 + 1	10	Yellow	to	6 + 3	9
Green	to	9 - 3	6	Light Blue	to	10 - 3	7	Yellow	to	10 - 8	2	Orange	to	7 + 3	10	Green	to	8 - 4	4

Green ends on bottom line
Rest on Red line

All end on second line

All end on left side of mat

All end on top line

Orange ends on line 1
Rest on second last line

Which did you move 1st ?
Red

Which did you move last ?
Light Blue

Which did you move first ?
Yellow

Which did you move first ?
Yellow

Which did you move last ?
Green

Simple addition and subtraction (Up to 10)

A&S Option 6				A&S Option 7				A&S Option 8				A&S Option 9				A&S Option 10			
Yellow	to	1 + 1 + 2	4	Dark Blue	to	2 + 1 + 1	4	Red	to	9 - 2	7	Yellow	to	6 + 3	9	Light Blue	to	2 + 1 + 1	4
Light Blue	to	8 - 4 - 3	1	Red	to	4 + 1	5	Orange	to	8 - 1 - 6	1	Orange	to	6 - 3	3	Green	to	4 + 1 - 3	2
Green	to	2 + 4 + 2	8	Light Blue	to	10 - 1 - 1	8	Light Blue	to	3 + 3 + 3	9	Red	to	2 + 2 + 2	6	Orange	to	10 - 4 - 3	3
Orange	to	9 - 6	3	Dark Blue	to	7 - 4 - 1	2	Green	to	9 - 7 + 1	3	Light Blue	to	9 - 5	4	Dark Blue	to	2 + 2 + 6	10
Dark Blue	to	3 + 0 + 3	6	Red	to	3 + 3 + 3	9	Dark Blue	to	5 + 4 - 2	7	Dark Blue	to	3 + 3 + 3	9	Yellow	to	7 - 3 - 2	2
Red	to	5 + 5 + 0	10	Orange	to	9 - 6 - 2	1	Green	to	8 - 7 + 3	4	Green	to	7 - 5	2	Light Blue	to	1 + 2 + 6	9
Green	to	1 + 1 + 1	3	Yellow	to	5 + 2 + 3	10	Orange	to	4 + 6 - 1	9	Red	to	1 + 1 + 1	3	Orange	to	8 + 1 - 2	7
Light Blue	to	3 + 3 + 3	9	Green	to	8 - 2 - 3	3	Yellow	to	6 - 1	5	Orange	to	10 - 2	8	Green	to	10 - 8 + 3	5
Dark Blue	to	1 + 1 + 3	5	Light Blue	to	5 + 4 + 1	10	Orange	to	2 + 2 + 2	6	Dark Blue	to	1 + 2 + 3	6	Orange	to	5 + 4 - 3	6
Red	to	10 - 1 - 2	7	Green	to	1 + 6 + 1	8	Light Blue	to	2 + 6 + 2	10	Light Blue	to	4 + 5	9	Dark Blue	to	1 + 7 - 1	7
Yellow	to	2 + 3 + 4	9	Orange	to	6 - 1 - 1	4	Green	to	7 - 3 + 5	9	Yellow	to	8 - 2 - 2	4	Light Blue	to	6 - 3 - 1	2
Orange	to	6 - 5	1	Yellow	to	3 + 1 + 2	6	Red	to	4 + 2 - 3	3	Green	to	6 + 4	10	Red	to	8 + 1 - 5	4
Red	to	7 - 2	5	Orange	to	2 + 3 + 2	7	Yellow	to	10 - 3 + 3	10	Dark Blue	to	7 - 3 - 3	1	Green	to	2 + 3 + 4	9
Green	to	5 + 5 + 0	10	Red	to	7 - 1 - 1	2	Dark Blue	to	1 + 1 + 1	3	Light Blue	to	5 + 5 - 7	3	Light Blue	to	7 - 5 + 2	4
Light Blue	to	1 + 1 + 1	3	Green	to	5 + 0 + 5	10	Green	to	3 + 1	4	Orange	to	2 + 2 + 2	6	Orange	to	5 - 1 + 5	9
Orange	to	10 - 0 - 3	7	Light Blue	to	8 - 0 - 4	4	Yellow	to	2 + 4 + 2	8	Green	to	10 - 3 - 3	4	Dark Blue	to	4 + 3 + 2	9
Yellow	to	4 + 1	5	Yellow	to	4 + 2 + 1	7	Light Blue	to	5 + 2 - 4	3	Red	to	4 + 1	5	Orange	to	7 - 2 + 1	6
Light Blue	to	6 + 2 + 2	10	Green	to	10 - 0 - 8	2	Orange	to	5 - 3 + 6	8	Orange	to	6 - 2 - 2	2	Yellow	to	10 - 7 + 6	9
Orange	to	1 + 1 + 8	10	Light Blue	to	1 + 4 + 2	7	Green	to	10 - 3 - 1	6	Yellow	to	2 + 2 - 2	2	Green	to	7 - 0 - 3	4
All end on top line				All end on second line				Green ends on bottom line Rest on Red line				All end on left side of mat				Orange ends on line 1 Rest on second last line			
Which did you move first ? Yellow				Which did you move last ? Light Blue				Which did you move 1st ? Red				Which did you move first Yellow				Which did you move last Green			

Addition and subtraction by brick (Up to 10)

A&S Option 11

Orange	to	9 - 5	4
Green	to	4 + 4	8
Red	to	9 - 8	1
Dark Blue	to	Green - Orange	4
Yellow	to	Orange + Red	5
Dark Blue	to	Green - Yellow	3
Light Blue	to	Yellow + Orange	9
Yellow	to	Light Blue + Red	10
Red	to	Yellow - Dark Blue	7
Light Blue	to	Green - Dark Blue	5
Dark Blue	to	Yellow - Green	2
Yellow	to	Light Blue - Orange	1
Red	to	Green + Dark Blue	10
Yellow	to	Orange + Light Blue	9
Light Blue	to	Green - Dark Blue	6
Orange	to	Red - Green	2
Yellow	to	Green + Orange	10
Dark Blue	to	Red - Orange	8
Orange	to	Red - Green + 4	6

All end on right side of mat
Two bricks on each line

A&S Option 12

Yellow	to	10 - 5	5
Red	to	2 + 3 + 4	9
Orange	to	Red - Yellow	4
Dark Blue	to	Orange + Yellow	9
Green	to	10 - Orange	6
Light Blue	to	Green - Yellow	1
Red	to	Dark Blue + Light Blue	10
Green	to	3 + Orange	7
Orange	to	Dark Blue - Green	2
Dark Blue	to	Red - Yellow - Orange	3
Yellow	to	Blues + Orange	6
Green	to	10 - Orange - Green	1
Orange	to	Yellow - Green	5
Yellow	to	Dark Blue - Light Blue	2
Dark Blue	to	Green + Orange	6
Green	to	9 - Yellow + 3	10
Red	to	Orange - Yellow	3
Dark Blue	to	Green - Dark Blue	4
Green	to	Dark Blue + Yellow	6

One brick on each line 1 - 6

A&S Option 13

Red	to	2 + 4 + 2	8
Orange	to	3 + 2 + 4	9
Light Blue	to	8 - 3 - 4	1
Dark Blue	to	9 - 2 + 3	10
Yellow	to	7 + 3 - 6	4
Green	to	8 - 3 - 3	2
Orange	to	Light Blue + Green	3
Yellow	to	Dark Blue - Orange	7
Orange	to	Red - Green	6
Light Blue	to	Dark Blue - Light Blue	9
Green	to	Light Blue - Orange	3
Red	to	Dark Blue - Light Blue	1
Yellow	to	Red + Green + Red	5
Dark Blue	to	Yellow - Green	2
Green	to	Light Blue - Dark Blue	7
Red	to	Yellow - Dark Blue	3
Yellow	to	Red + Green	10
Dark Blue	to	Orange + Dark Blue	8
Red	to	Dark Blue - Red	5

One brick on each line 5 - 10

Did you notice anything about the bricks ?
Always only had 1 brick on a line at a time

Addition and subtraction by brick (Up to 20)

A&S Option 14

Red	to	13 - 6	7
Orange	to	19 - 18	1
Light Blue	to	13 - 4	9
Green	to	15 - 12	3
Dark Blue	to	17 - 10	7
Green	to	12 - 8	4
Orange	to	17 - 8	9
Yellow	to	16 - 11	5
Orange	to	13 - 7	6
Light Blue	to	20 - 10	10
Green	to	11 - 2	9
Red	to	14- 11	3
Yellow	to	16 - 6	10
Dark Blue	to	12 - 9	3
Green	to	15 - 11	4
Yellow	to	13 - 5	8
Light Blue	to	10 - 7	3
Orange	to	16 - 8	8
Green	to	12 - 6	6

Green ends on bottom line
Rest on Red line

Which did you move 1st ?
Red

A&S Option 15

Yellow	to	7 + 8 - 10	5
Red	to	6 + 4 - 8	2
Orange	to	5 + 5 - 1	9
Dark Blue	to	8 + 9 - 11	6
Green	to	7 + 3 - 6	4
Light Blue	to	9 + 9 - 8	10
Red	to	20 - 6 - 6	8
Green	to	6 + 7 - 10	3
Orange	to	14 - 7 - 6	1
Dark Blue	to	5 + 8 - 4	9
Yellow	to	6 + 6 - 8	4
Green	to	19 - 6 - 7	6
Orange	to	18 - 3 - 8	7
Yellow	to	12 - 6 - 5	1
Dark Blue	to	2 + 15 - 11	6
Orange	to	16 - 9 - 4	3
Red	to	3 + 16 - 10	9
Green	to	7 + 13 - 15	5
Red	to	20 - 6 - 6	8

Two bricks on first and last lines
Two bricks on Red line

A&S Option 16

Yellow	to	10 + 3 - 9	4
Light Blue	to	10 + 7 - 6	1
Green	to	10 + 9 - 11	8
Orange	to	10 + 8 - 15	3
Dark Blue	to	10 + 7 - 9	6
Red	to	20 - 8 - 2	10
Green	to	20 - 12 - 5	3
Light Blue	to	20 - 5 - 6	9
Dark Blue	to	20 - 9 - 6	5
Red	to	20 - 7 - 6	7
Yellow	to	12 + 3 - 6	9
Orange	to	9 + 8 - 16	1
Red	to	12 + 8 - 5	5
Green	to	18 - 5 - 3	10
Light Blue	to	2 + 17 - 13	3
Orange	to	10 + 3 - 6	7
Yellow	to	2 + 3 - 0	5
Light Blue	to	17 - 12 + 5	10
Orange	to	7 + 8 - 5	10

All end on top line

Which did you move first ?
Yellow

A&S Option 17

Light Blue	to	5 + 13 - 14	4
Green	to	7 + 3 - 8	2
Orange	to	1 + 5 - 3	3
Dark Blue	to	7 + 8 - 5	10
Yellow	to	9 + 4 - 11	2
Light Blue	to	8 + 7 - 10	5
Orange	to	19 - 13 - 2	4
Green	to	15 - 6 - 6	3
Orange	to	12 + 7 - 18	1
Dark Blue	to	14 + 6 - 7	3
Light Blue	to	5 + 13 - 11	7
Red	to	8 + 9 - 13	4
Green	to	20 - 6 - 10	4
Light Blue	to	17 - 16 + 2	3
Orange	to	9 + 2 - 8	3
Dark Blue	to	11 - 1 - 8	2
Orange	to	13 - 6 - 1	6
Yellow	to	9 - 5 - 3	1
Green	to	16 + 3 - 14	5

One brick on each line 1 - 6

Which did you move last ?
Green

Addition and subtraction by brick (Up to 20)

A&S Option 18

Yellow	to	16 - 11	5
Red	to	11 - 9	2
Orange	to	3 + 3 + 3	9
Dark Blue	to	12 + 7 - 13	6
Green	to	Orange - Yellow	4
Light Blue	to	Green + Dark Blue	10
Red	to	17 - Orange	8
Green	to	Red - Yellow	3
Orange	to	Light Blue - Orange	1
Dark Blue	to	14 - Yellow	9
Yellow	to	Green + Orange	4
Green	to	16 - Light Blue	6
Orange	to	13 - Green	7
Yellow	to	Orange - Green	1
Dark Blue	to	14 - Red	6
Orange	to	Light Blue - Orange	3
Red	to	19 - Light Blue	9
Green	to	11 - Green	5
Red	to	Green + Orange	8

Two bricks on first and last lines
Two bricks on Red line (R & O)

A&S Option 19

Dark Blue	to	13 - 4	9
Red	to	14 - 7	7
Yellow	to	4 + 4 + 2	10
Dark Blue	to	Yellow - Red	3
Red	to	3 + 3 + 3	9
Orange	to	19 - 6 - 6	7
Green	to	2 + 2 + 2	6
Red	to	Orange - Green	1
Light Blue	to	Yellow + Orange - 9	6
Green	to	Light Blue - Dark Blue	3
Orange	to	16 - Yellow	6
Yellow	to	20 - Light Blue - Yellow	4
Orange	to	Red + Dark Blue + 4	8
Red	to	13 - Orange - Red	4
Green	to	Red + Red	8
Light Blue	to	18 - 4 - 4	10
Yellow	to	6 - Dark Blue	3
Red	to	15 - Red - 8	3
Light Blue	to	5 + Red	8

All end on Red line

A&S Option 20

Orange	to	17 - 9 - 6	2
Green	to	6 + 2 + 1	9
Red	to	Green - Orange	7
Dark Blue	to	18 - Red - Red	4
Yellow	to	Green - Dark Blue - Orange	3
Light Blue	to	12 - Yellow - Yellow	6
Green	to	Red - Light Blue	1
Yellow	to	Red - Orange + Dark Blue	9
Red	to	20 - Dark Blue - 14	2
Light Blue	to	17 - Yellow + Green	9
Orange	to	Red + Yellow - 5	6
Yellow	to	15 - Orange - 8	1
Red	to	Light Blue - Dark Blue + 5	10
Yellow	to	Red + Red - 13	7
Light Blue	to	Orange + Dark Blue - Green	9 *
Orange	to	Light Blue + Dark Blue - 4	9
Dark Blue	to	8 + 5 - 6	7
Green	to	Red - Orange + 2	3
Red	to	17 - Orange - 5	3

Two bricks on middle lines
Two bricks on Red line

NB : Leave if correct *
Remind group