

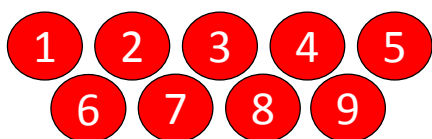
Calculation puzzles 1 - 10

The Busy Lizzie Maths Library

1

Calculation puzzle

You will need the following counters and a paper copy of this puzzle.



Using the counters only once, can you solve this puzzle?

	+		+		= 14
+		+		+	
	-		x		= 3
÷		-		x	
	+		+		= 17
=		=		=	
10		4		35	

1

Calculation puzzle

solution

4	+	8	+	2	= 14
+		+		+	
6	-	5	x	3	= 3
÷		-		x	
1	+	9	+	7	= 17
=		=		=	
10		4		35	

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2

Calculation puzzle

You will need the following counters and a paper copy of this puzzle.



Using the counters only once, can you solve this puzzle?

	+		-		= 3
+		+		+	
	+		x		= 88
x		x		-	
	+		+		= 13
=		=		=	
90		27		12	

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2

Calculation puzzle

solution

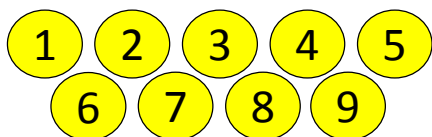
6	+	2	-	5	= 3
+		+		+	
4	+	7	x	8	= 88
x		x		-	
9	+	3	+	1	= 13
=		=		=	
90		27		12	

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3

Calculation puzzle

You will need the following counters and a paper copy of this puzzle.



Using the counters only once, can you solve this puzzle?

	+		+		= 22
+		-		-	
	-		+		= 9
÷		x		-	
	+		x		= 20
=		=		=	
2		42		0	

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3

Calculation puzzle

solution

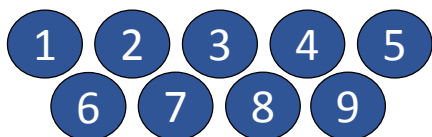
5	+	8	+	9	= 22
+		-		-	
3	-	1	+	7	= 9
÷		x		-	
4	+	6	x	2	= 20
=		=		=	
2		42		0	

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4

Calculation puzzle

You will need the following counters and a paper copy of this puzzle.



Using the counters only once, can you solve this puzzle?

	+		x		= 126
+		+		-	
	+		x		= 63
x		+		-	
	+		x		= 5
=		=		=	
22		15		1	

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4

Calculation puzzle

solution

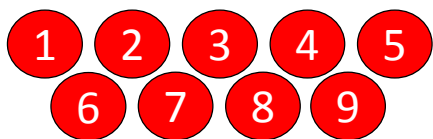
6	+	8	x	9	= 126
+		+		-	
5	+	4	x	7	= 63
x		+		-	
2	+	3	x	1	= 5
=		=		=	
22		15		1	

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5

Calculation puzzle

You will need the following counters and a paper copy of this puzzle.



Using the counters only once, can you solve this puzzle?

	+		+		= 21
-		+		+	
	+		x		= 45
-		÷		-	
	+		x		= 21
=		=		=	
2		5		13	

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5

Calculation puzzle

solution

8	+	6	+	7	= 21
-		+		+	
1	+	4	x	9	= 45
-		÷		-	
5	+	2	x	3	= 21
=		=		=	
2		5		13	

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6

Calculation puzzle

You will need the following counters and a paper copy of this puzzle.



Using the counters only once, can you solve this puzzle?

	+		-		= 5
+		+		+	
	-		x		= 2
-		+		÷	
	+		x		= 14
=		=		=	
5		15		6	

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6

Calculation puzzle

solution

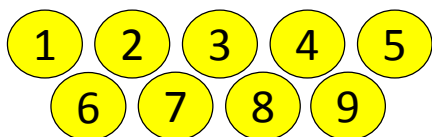
6	+	3	-	4	=	5
+		+		+		
8	-	7	x	2	=	2
-		+		÷		
9	+	5	x	1	=	14
=		=		=		
5		15		6		

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7

Calculation puzzle

You will need the following counters and a paper copy of this puzzle.



Using the counters only once, can you solve this puzzle?

	+		x		=	126
-		+		+		
	+		+		=	10
x		x		÷		
	+		÷		=	5
=		=		=		
15		84		7		

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7

Calculation puzzle

solution

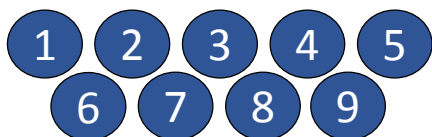
6	+	8	x	9	= 126
-		+		+	
1	+	4	+	5	= 10
x		x		÷	
3	+	7	÷	2	= 5
=		=		=	
15		84		7	

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8

Calculation puzzle

You will need the following counters and a paper copy of this puzzle.



Using the counters only once, can you solve this puzzle?

	+		+		= 13
+		+		+	
	+		x		= 11
-		+		+	
	+		÷		= 4
=		=		=	
2		16		13	

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8

Calculation puzzle

solution

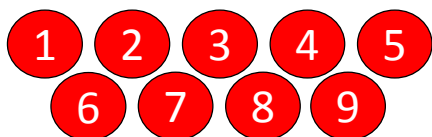
3	+	2	+	8	= 13
+		+		+	
6	+	5	x	1	= 11
-		+		+	
7	+	9	÷	4	= 4
=		=		=	
2		16		13	

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9

Calculation puzzle

You will need the following counters and a paper copy of this puzzle.



Using the counters only once, can you solve this puzzle?

	+		+		= 16
+		-		+	
	+		+		= 16
÷		x		-	
	+		x		= 36
=		=		=	
15		16		1	

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9

solution

Calculation puzzle

6	+	7	+	3	= 16
+		-		+	
9	+	5	+	2	= 16
÷		x		-	
1	+	8	x	4	= 36
=		=		=	
15		16		1	

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10

Calculation puzzle

You will need the following counters and a paper copy of this puzzle.



Using the counters only once, can you solve this puzzle?

	+		x		= 135
+		-		+	
	+		+		= 11
-		x		x	
	-		+		= 6
=		=		=	
6		2		65	

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Calculation puzzle

8	+	7	x	9	= 135
+		-		+	
1	+	6	+	4	= 11
-		x		x	
3	-	2	+	5	= 6
=		=		=	
6		2		65	