

4x4 Math Cage Puzzles

Name: _____ Date: _____

Use 1 to 4 once in each row and column. The numbers in each thick cage must make the target with the sign shown.

Puzzle 1

7+	7+		
	6+		
4+		4	6×
8×			

Puzzle 2

4	9+	7+	
2-		3	
		24×	1
3+			

Puzzle 3

12×	2-	2×	
		2-	
1-	1	24×	1-

Puzzle 4

5+		5+	
6×			4÷
8×		3	
	3	6+	

4x4 Math Cage Puzzles

Answer Key

Use 1 to 4 once in each row and column. The numbers in each thick cage must make the target with the sign shown.

Puzzle 1

7+ 3	7+ 1	2	4
4	6+ 2	3	1
4+ 1	3	4	6× 2
8× 2	4	1	3

Puzzle 2

4 4	9+ 3	7+ 1	2
2- 1	2	3	4
3	4	24× 2	1 1
3+ 2	1	4	3

Puzzle 3

12× 3	2- 4	2× 1	2
4	2	2- 3	1
1- 2	1 1	24× 4	1- 3
1	3	2	4

Puzzle 4

5+ 4	1	5+ 2	3
6× 3	2	1	4÷ 4
8× 2	4	3	1
1	3 3	6+ 4	2

4x4 Math Cage Puzzles (Set 2)

Name: _____ Date: _____

Use 1 to 4 once in each row and column. The numbers in each thick cage must make the target with the sign shown.

Puzzle 1

48×		6×	
	3+		
2	12×		4÷
6×			

Puzzle 2

11+		2	1
6×		4÷	6×
	2		
	8+		

Puzzle 3

1-	8×		
	3÷	9+	
1			2
2-		2-	

Puzzle 4

3	2÷	1-	
3+		12×	
	3×		4
3-		6×	

4x4 Math Cage Puzzles (Set 2)

Answer Key

Use 1 to 4 once in each row and column. The numbers in each thick cage must make the target with the sign shown.

Puzzle 1

48×		6×	
3	4	1	2
4	3+		
	1	2	3
2	12×		4÷
2	3	4	1
6×			
1	2	3	4

Puzzle 2

11+		2	1
4	3	2	1
6×		4÷	6×
3	4	1	2
1	2	4	3
2	8+		
2	1	3	4

Puzzle 3

1-	8×		
3	2	1	4
4	3÷	9+	
	1	2	3
1			2
1	3	4	2
2-		2-	
2	4	3	1

Puzzle 4

3	2÷	1-	
3	4	2	1
3+		12×	
1	2	4	3
2	3×		4
2	3	1	4
3-		6×	
4	1	3	2

5x5 Math Cage Puzzles

Name: _____ Date: _____

Use 1 to 5 once in each row and column. Each cage must make its target number with the sign shown.

Puzzle 1

24×			5	5÷
10+		2-		
	9+	7+		1-
6+		1-	3-	
				2

Puzzle 2

13+				2
10+	8×		2-	
	2÷		20×	
		7+	2÷	3÷
5÷				

5x5 Math Cage Puzzles

Answer Key

Use 1 to 5 once in each row and column. Each cage must make its target number with the sign shown.

Puzzle 1

24×	3	2	4	5	5÷	1
10+	2	4	2-	3	5	
	4	9+	7+	2	1-	3
6+	5	3	1-	3-	4	
	1	5	3	4	2	2

Puzzle 2

13+				2
4	3	5	1	2
10+	8×		2-	
2	4	1	3	5
	2÷		20×	
3	1	2	5	4
		7+	2÷	3÷
5	2	3	4	1
5÷				
1	5	4	2	3

5x5 Math Cage Puzzles (Set 2)

Name: _____ Date: _____

Use 1 to 5 once in each row and column. Each cage must make its target number with the sign shown.

Puzzle 1

40×	15×	3-	15×	
			12×	
	4	8+		
3+			160×	
3÷				

Puzzle 2

10+		48×		12+
6+				
	10+		5	
		6×		
4	5÷		6×	

5x5 Math Cage Puzzles (Set 2)

Answer Key

Use 1 to 5 once in each row and column. Each cage must make its target number with the sign shown.

Puzzle 1

40×	15×	3-	15×	
2	5	4	3	1
4	3	1	12×	5
5	4	8+	1	2
3+	2	5	160×	3
3÷	1	2	5	4

Puzzle 2

10+		48×		12+
5	2	3	4	1
6+	3	4	1	5
3	10+	1	5	2
1	5	6×	3	4
4	5÷	5	6×	3

6x6 Math Cage Puzzles

Name: _____ Date: _____

Use 1 to 6 once in each row and column. Each cage must make its target number with the sign shown.

Puzzle 1

3+		14+		4	8+
7+				4-	
30×	48×				3
		12+		9+	
	15×				5+
4	16+				

Puzzle 2

2	10+	2÷	11+		4
			2-		9+
5×	5+		4		
	120×		1-		2-
4-			1	48×	
1-		5÷			

6x6 Math Cage Puzzles

Answer Key

Use 1 to 6 once in each row and column. Each cage must make its target number with the sign shown.

Puzzle 1

3+	2	1	14+	5	3	4	8+	4	6
7+	3	4	1	5	6	2	4-	6	2
30×	5	6	4	1	2	3	3	3	3
1	2	12+	6	4	9+	3	5	3	5
6	15×	5	3	2	1	4	5+	4	4
4	16+	4	3	2	6	5	1	4	1

Puzzle 2

2	10+	2÷	11+	5	4	4	4
4	5	6	2-	3	1	9+	2
5×	5+	3	2	4	6	1	1
1	120×	6	4	1-	2	3	5
4-	6	2	5	1	48×	4	3
1-	3	4	5÷	1	5	2	6

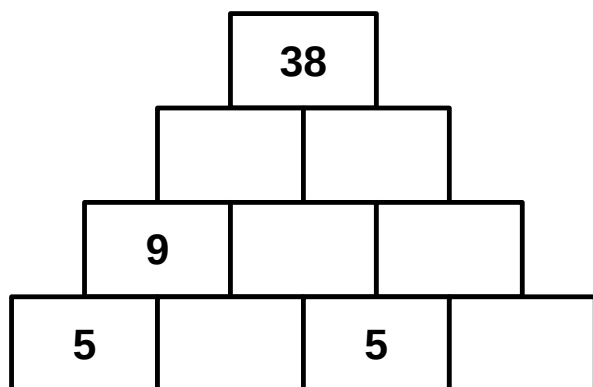
Number Pyramid Puzzles

Name: _____

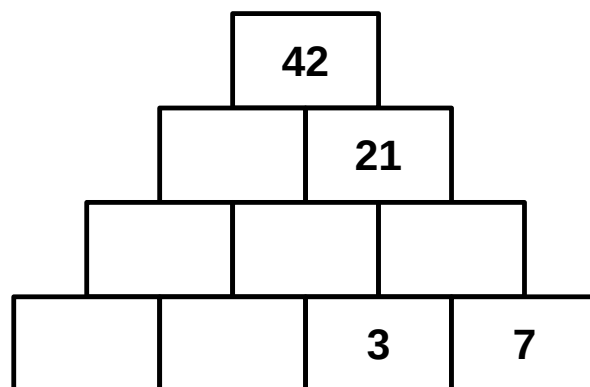
Date: _____

Each block is the sum of the two blocks below it. Fill in the missing numbers.

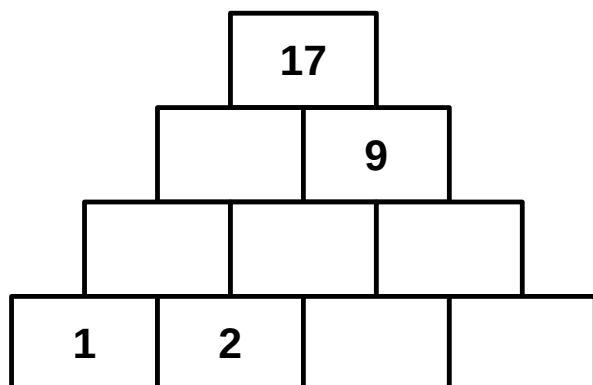
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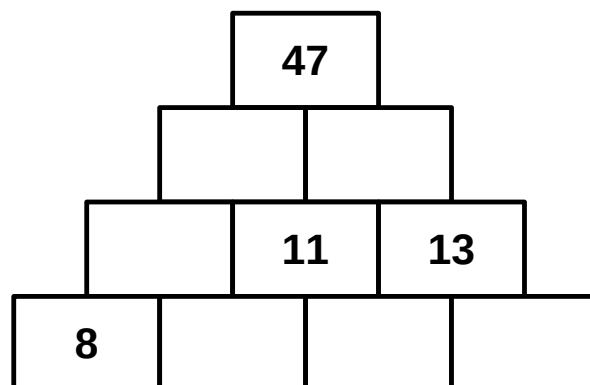
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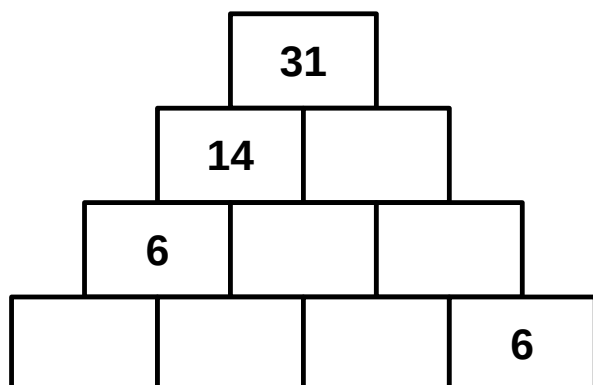
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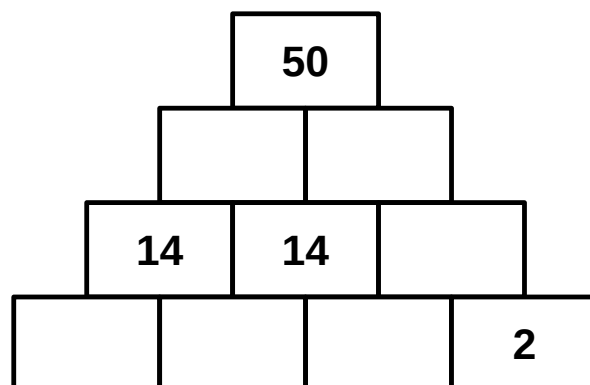
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5.



6.

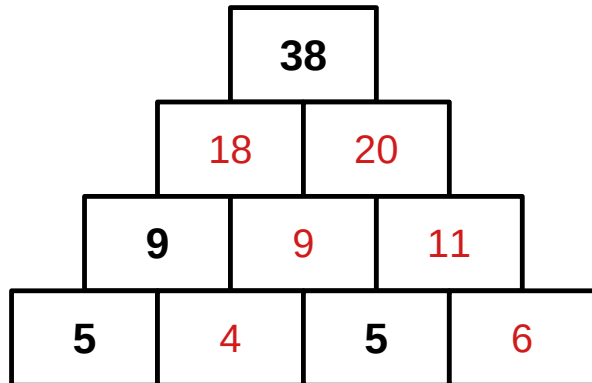


Number Pyramid Puzzles

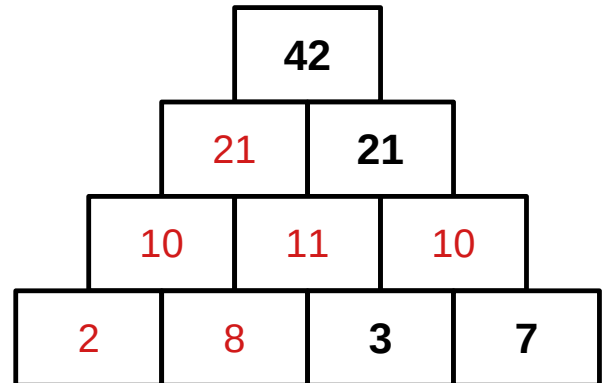
Answer Key

Each block is the sum of the two blocks below it. Fill in the missing numbers.

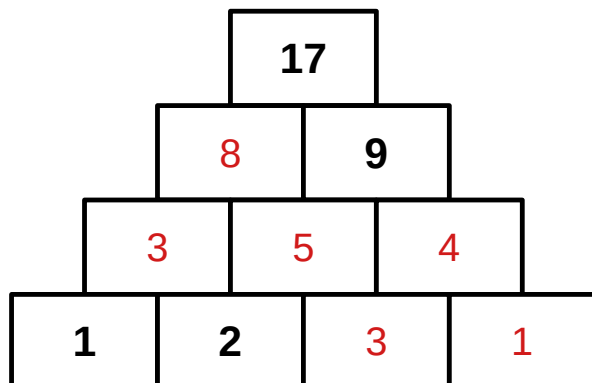
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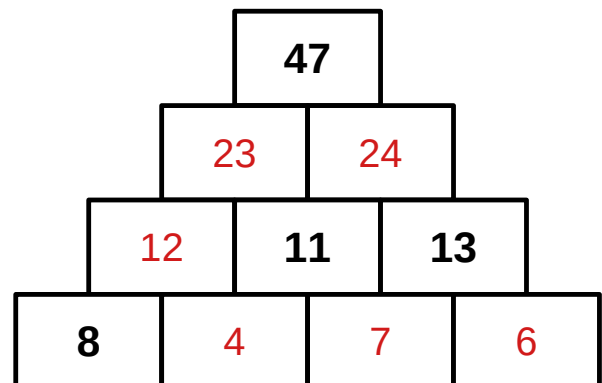
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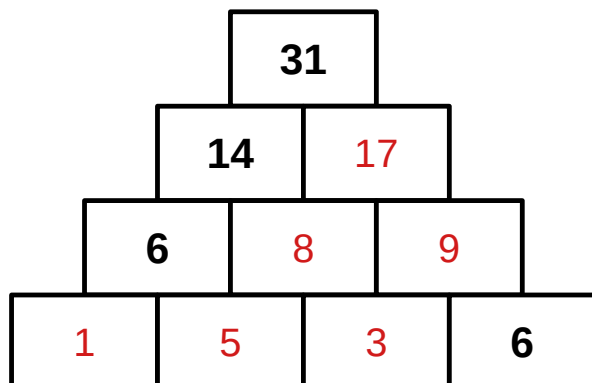
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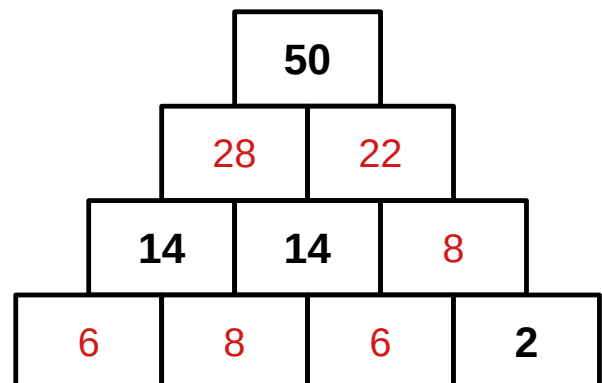
4.



5.



6.



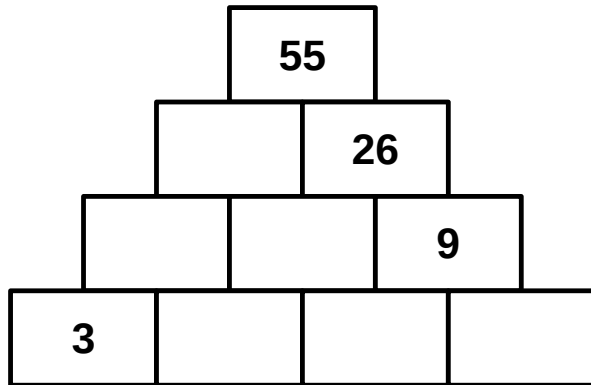
Number Pyramid Puzzles (Set 2)

Name: _____

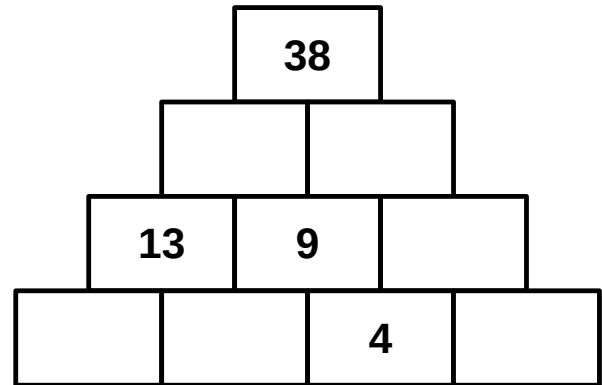
Date: _____

Each block is the sum of the two blocks below it. Fill in the missing numbers.

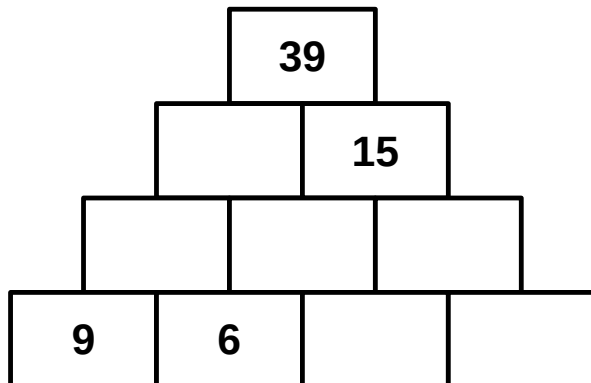
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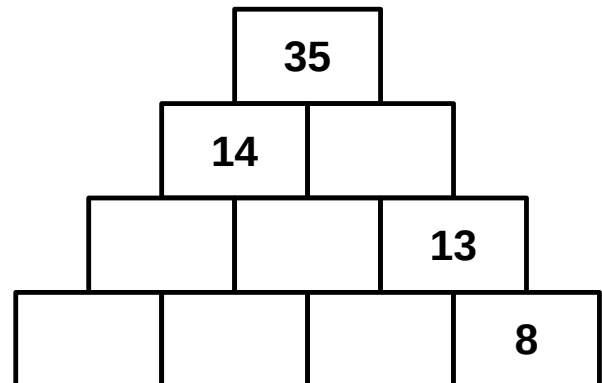
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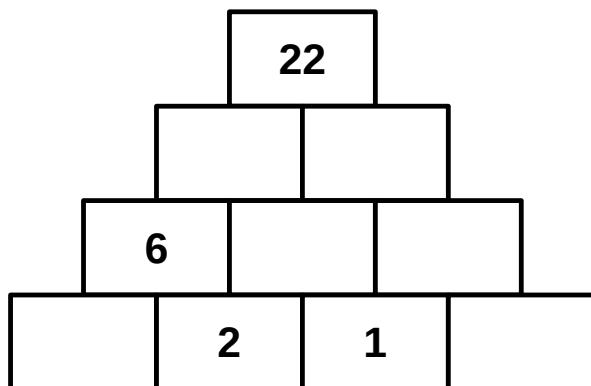
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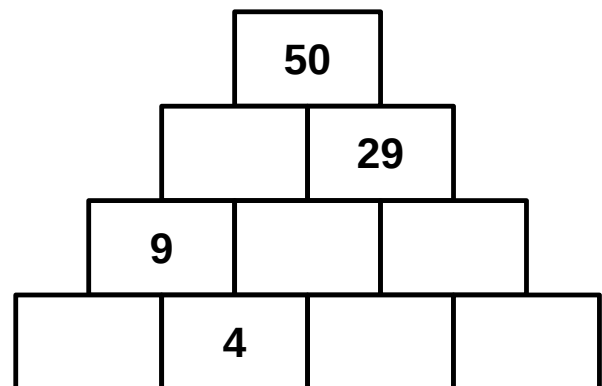
4.



5.



6.

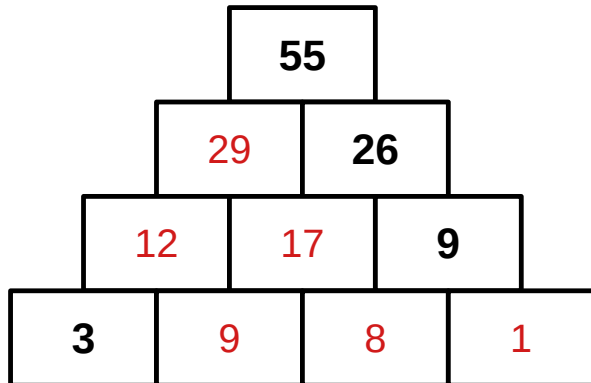


Number Pyramid Puzzles (Set 2)

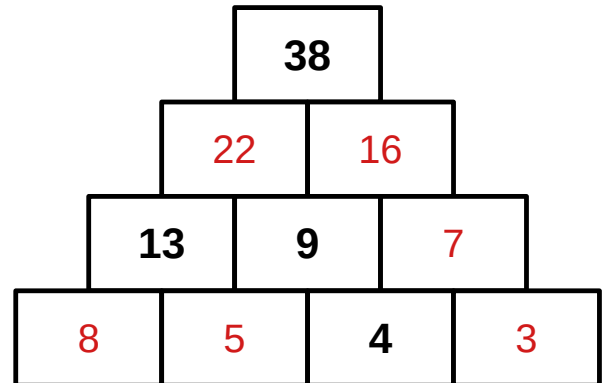
Answer Key

Each block is the sum of the two blocks below it. Fill in the missing numbers.

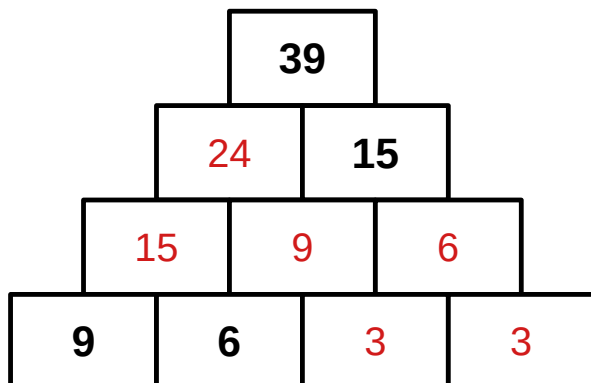
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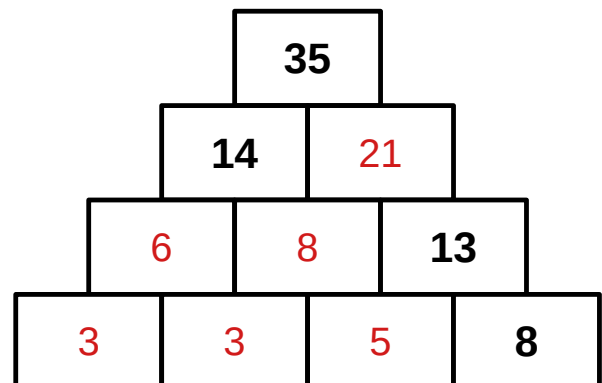
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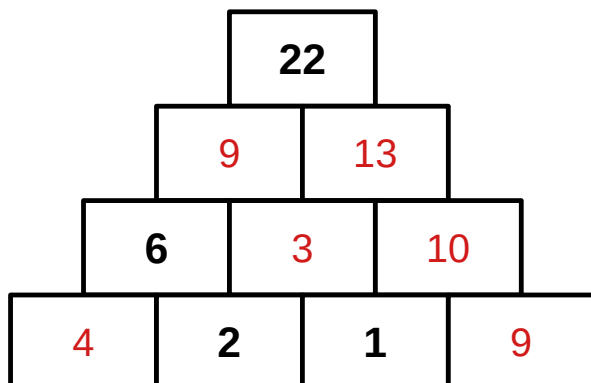
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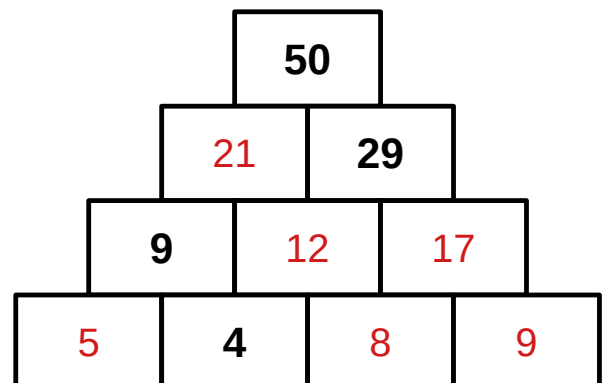
4.



5.



6.

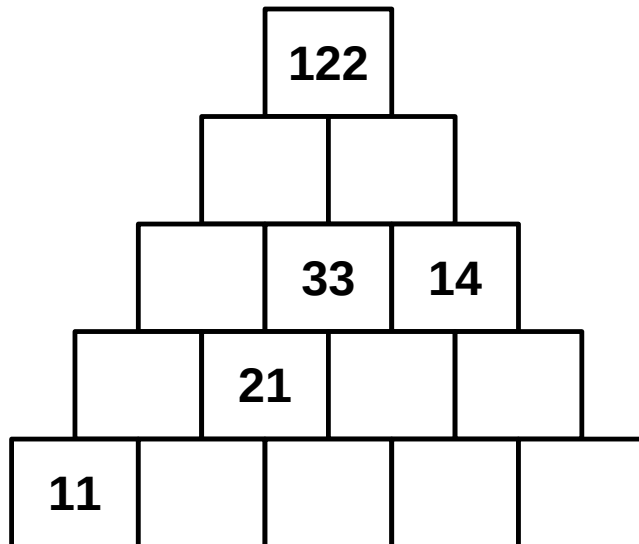


Hard Number Pyramids

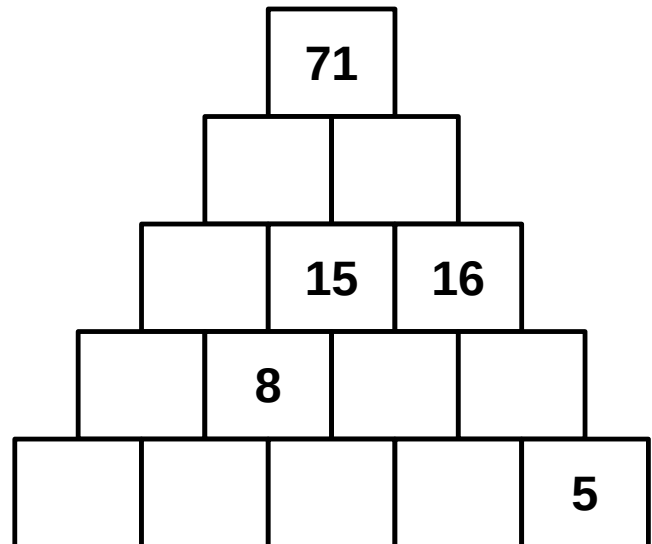
Name: _____ Date: _____

Each block is the sum of the two blocks below it. Add or subtract to find the missing numbers.

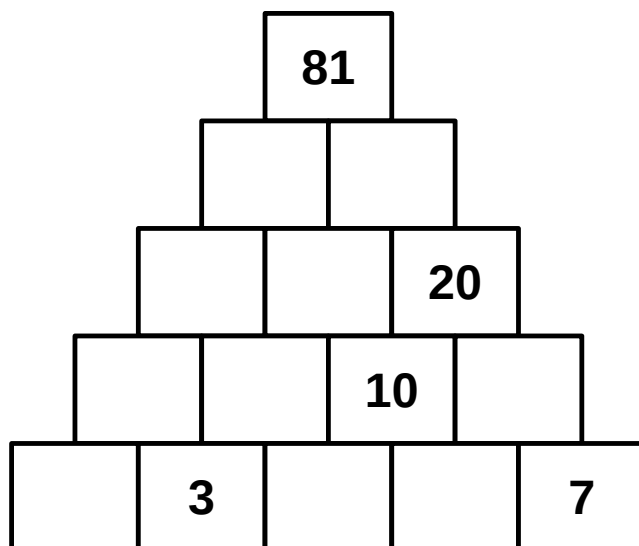
1.



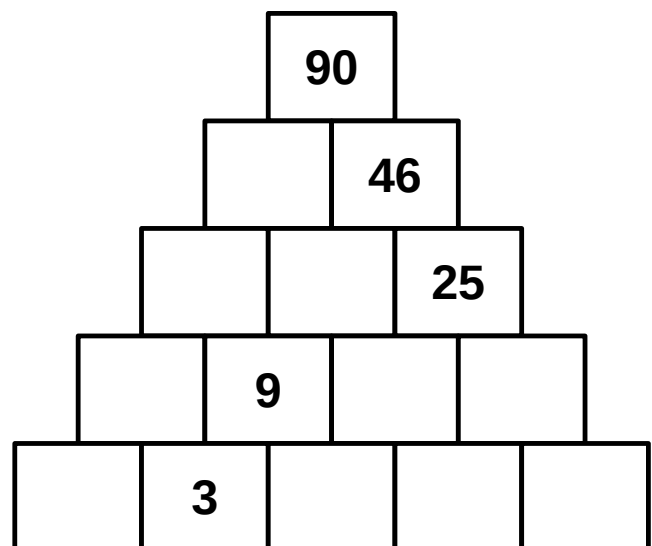
2.



3.



4.

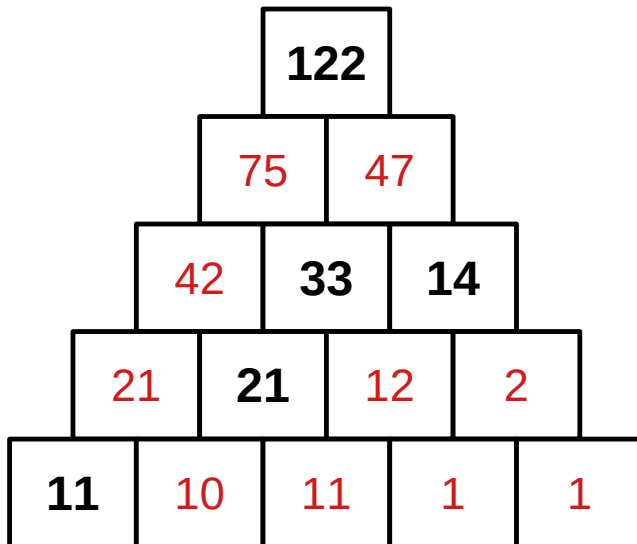


Hard Number Pyramids

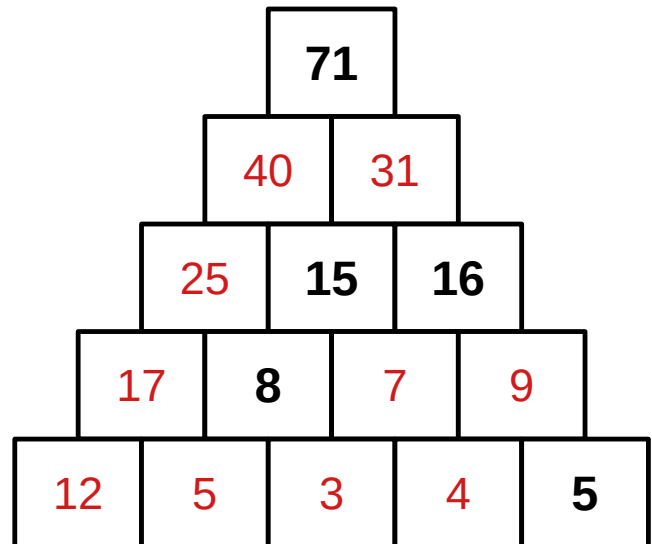
Answer Key

Each block is the sum of the two blocks below it. Add or subtract to find the missing numbers.

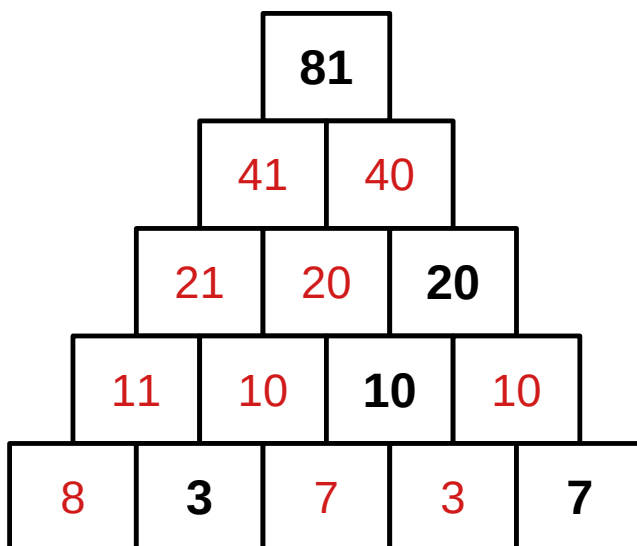
1.



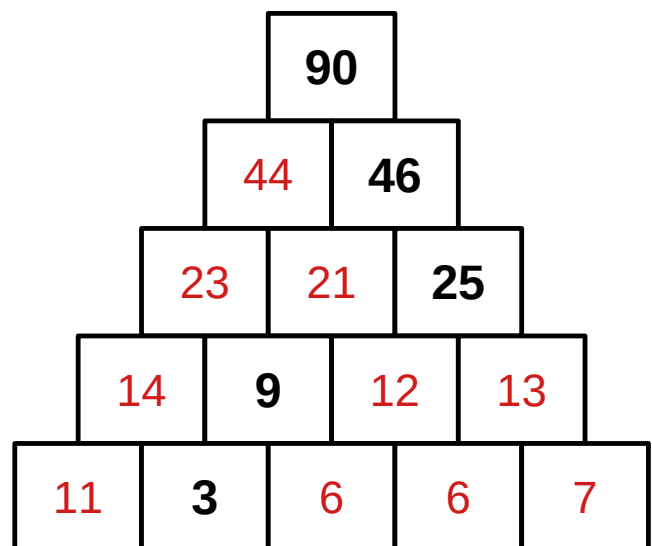
2.



3.



4.



Magic Square Puzzles

Name: _____

Date: _____

Every row, column and diagonal must add up to the magic sum. Fill in the missing numbers.

1. Magic sum: 15

2	7	
		1

2. Magic sum: 30

13	8	
	12	

3. Magic sum: 15

2		6
	5	

4. Magic sum: 15

		4
6	7	

5. Magic sum: 24

		5
		10
11		

6. Magic sum: 45

14		
19		
	17	

Magic Square Puzzles

Answer Key

Every row, column and diagonal must add up to the magic sum. Fill in the missing numbers.

1. Magic sum: 15

2	7	6
9	5	1
4	3	8

2. Magic sum: 30

13	8	9
6	10	14
11	12	7

3. Magic sum: 15

2	7	6
9	5	1
4	3	8

4. Magic sum: 15

8	3	4
1	5	9
6	7	2

5. Magic sum: 24

7	12	5
6	8	10
11	4	9

6. Magic sum: 45

14	13	18
19	15	11
12	17	16

Magic Square Puzzles (Set 2)

Name: _____

Date: _____

Every row, column and diagonal must add up to the magic sum. Fill in the missing numbers.

1. Magic sum: 15

		4
	5	9
6		

2. Magic sum: 15

		2
3		
8		

3. Magic sum: 15

6		2
		9
8		

4. Magic sum: 18

9	4	
		10
	8	

5. Magic sum: 15

2		
7	5	
6		

6. Magic sum: 15

2		6
	5	
4		

Magic Square Puzzles (Set 2)

Answer Key

Every row, column and diagonal must add up to the magic sum. Fill in the missing numbers.

1. Magic sum: 15

8	3	4
1	5	9
6	7	2

2. Magic sum: 15

4	9	2
3	5	7
8	1	6

3. Magic sum: 15

6	7	2
1	5	9
8	3	4

4. Magic sum: 18

9	4	5
2	6	10
7	8	3

5. Magic sum: 15

2	9	4
7	5	3
6	1	8

6. Magic sum: 15

2	7	6
9	5	1
4	3	8