A Puzzling Outcome 5th Grade

	x		-	*9*	-6
+	■	-	■	x	
	-		+	*5*	0
x	■	-	■	+	
	-		+	*8*	10
15		-10		53	

Table of Contents

A Puzzling Outcome

Missing Number Puzzles

These puzzles are tricky!

Use 1 through 4 to finish each equation. Use each number only once.
Each column is a math equation. Each row is a math equation.
HINT: Multiply BEFORE you add and subtract!

1.

	X		12
+	■	+	
	−		−1
5		5	

2.

	X		8
X	■	−	
	+		4
2		1	

3.

	+		5
X	■	−	
	−		1
12		−1	

4.

	X		8
+	■	−	
	−		−2
3		1	

Answers

1.

4	X	3	12
+	■	+	
1	−	2	−1
5		5	

2.

2	X	4	8
X	■	−	
1	+	3	4
2		1	

3.

4	+	1	5
X	■	−	
3	−	2	1
12		−1	

4.

2	X	4	8
+	■	−	
1	−	3	−2
3		1	

Missing Number Puzzles

These puzzles are tricky!

Use 1 through 4 to finish each equation. Use each number only once.
Each column is a math equation. Each row is a math equation.
HINT: Multiply BEFORE you add and subtract!

1.

	-		3
+	■	×	
	-		1
7		2	

2.

	+		4
×	■	+	
	×		8
2		7	

3.

	×		8
×	■	-	
	-		2
6		3	

4.

	-		-1
-	■	×	
	+		5
-2		3	

Answers

1.

4	-	1	3
+	■	×	
3	-	2	1
7		2	

2.

1	+	3	4
×	■	+	
2	×	4	8
2		7	

3.

2	×	4	8
×	■	-	
3	-	1	2
6		3	

4.

2	-	3	-1
-	■	×	
4	+	1	5
-2		3	

Missing Number Puzzles

These puzzles are tricky!

Use 1 through 4 to finish each equation. Use each number only once.
Each column is a math equation. Each row is a math equation.
HINT: Multiply BEFORE you add and subtract!

1.

	+		4
+	■	-	
	×		8
5		-3	

2.

	×		6
×	■	+	
	-		-3
2		7	

3.

	×		6
×	■	×	
	-		3
8		3	

4.

	+		6
-	■	×	
	×		3
-1		4	

Answers

1.

3	+	1	4
+	■	-	
2	×	4	8
5		-3	

2.

2	×	3	6
×	■	+	
1	-	4	-3
2		7	

3.

2	×	3	6
×	■	×	
4	-	1	3
8		3	

4.

2	+	4	6
-	■	×	
3	×	1	3
-1		4	

Missing Number Puzzles

These puzzles are tricky!

Use 1 through 9 to finish each equation. Use each number only once.
Each column is a math equation. Each row is a math equation.
HINT: Multiply and divide BEFORE you add and subtract!

1.

9	+		+		17
+	■	×	■	+	
	×		−		14
×	■	−	■	/	
	−		−		3
41		32		4	

2.

	−		+		3
−	■	×	■	+	
	×		+		31
/	■	−	■	×	
	×		+	7	13
1		42		15	

3.

	+		×		53
/	■	/	■	+	
	×	3	+		12
+	■	+	■	×	
	−		×		3
11		4		29	

4.

	+		+	9	16
−	■	+	■	×	
	×		+		43
×	■	×	■	/	
	×		+		10
−15		11		18	

Answers

1.

2.

3.

4.

Missing Number Puzzles

These puzzles are tricky!

Use 1 through 9 to finish each equation. Use each number only once.
Each column is a math equation. Each row is a math equation.
HINT: Multiply and divide BEFORE you add and subtract!

1.

1	+		−		= 6
−		×		−	
	−		×		= −6
+		+		×	
	+		−		= 2
= −4		= 41		= −22	

2.

	−		−	3	= 4
+		+		+	
	+		+		= 12
×		+		−	
	/		−		= −5
= 57		= 7		= 1	

3.

	×		+		= 14
−		−		+	
	×		−		= −3
/		×		×	
	×		+	7	= 31
= 0		= −3		= 67	

4.

	−		+		= 4
×		×		×	
	×		+	9	= 11
−		+		+	
	+		+		= 15
= −3		= 17		= 58	

Answers

1.

1	+	7	−	2	= 6
−		×		−	
6	−	5	×	3	= −6
+		+		×	
4	+	9	−	8	= 2
= −4		= 41		= −22	

2.

6	−	2	−	3	= 4
+		+		+	
9	+	1	+	5	= 12
×		+		−	
8	/	4	−	7	= −5
= 57		= 7		= 1	

3.

2	×	5	+	4	= 14
−		−		+	
6	×	1	−	9	= −3
/		×		×	
3	×	8	+	7	= 31
= 0		= −3		= 67	

4.

5	−	7	+	6	= 4
×		×		×	
8	×	2	+	9	= 11
−		+		+	
3	+	4	+	1	= 15
= −3		= 17		= 58	

Missing Number Puzzles

These puzzles are tricky!

Use 1 through 9 to finish each equation. Use each number only once.
Each column is a math equation. Each row is a math equation.
HINT: Multiply and divide BEFORE you add and subtract!

1.

	×		−		3
×	■	+	■	+	
	−	*8*	−		−7
/	■	+	■	×	
	−		−		−8
14		18		14	

2.

	×		−		−2
×	■	×	■	×	
	+		−		2
+	■	−	■	+	
	−		−	*2*	−4
27		2		74	

3.

1	−		−		−15
×	■	+	■	×	
	+		+		17
−	■	+	■	−	
	−		+		5
3		16		50	

4.

	×		+		46
×	■	×	■	−	
4	/		+		10
+	■		■	×	
	×		/		14
27		12		−23	

Answers

1.

2.

3.

4.

Missing Number Puzzles

These puzzles are tricky!

Use 1 through 9 to finish each equation. Use each number only once.
Each column is a math equation. Each row is a math equation.
HINT: Multiply and divide BEFORE you add and subtract!

1.

2.

3.

4.

Answers

1.

2.

3.

4.

Missing Number Puzzles

These puzzles are tricky!

Use 1 through 9 to finish each equation. Use each number only once.
Each column is a math equation. Each row is a math equation.
HINT: Multiply and divide BEFORE you add and subtract!

1.

2.

3.

4.

Answers

1.

2.

3.

4.

Missing Number Puzzles

These puzzles are tricky!

Use 1 through 9 to finish each equation. Use each number only once.
Each column is a math equation. Each row is a math equation.
HINT: Multiply and divide BEFORE you add and subtract!

1.

	×		−		**39**
+	■	+	■	+	
	×		+	**4**	**39**
×	■	×	■	/	
	−		×		**−5**
13		**27**		**11**	

2.

	−		×		**−1**
×	■	+	■	+	
	+		+		**21**
+	■	+	■	×	
	/		−	**6**	**−4**
22		**10**		**57**	

3.

	+		−		**3**
+	■	×	■	×	
8	/		/		**1**
−	■	−	■	−	
	/		×		**2**
9		**17**		**17**	

4.

	−		−		**4**
×	■	−	■	×	
	−		−		**−6**
+	■	×	■	+	
6	/		×		**15**
62		**−17**		**17**	

Answers

1.

8	×	9	−	6	39
+	■	+	■	+	
5	×	7	+	4	39
×	■	×	■	/	
1	−	3	×	2	−5
13		27		11	

2.

2	−	1	×	3	−1
×	■	+	■	+	
7	+	5	+	9	21
+	■	+	■	×	
8	/	4	−	6	−4
22		10		57	

3.

7	+	5	−	9	3
+	■	×	■	×	
8	/	4	/	2	1
−	■	−	■	−	
6	/	3	×	1	2
9		17		17	

4.

8	−	1	−	3	4
×	■	−	■	×	
7	−	9	−	4	−6
+	■	×	■	+	
6	/	2	×	5	15
62		−17		17	

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Missing Number Puzzles

These puzzles are tricky!

Use 1 through 9 to finish each equation. Use each number only once.
Each column is a math equation. Each row is a math equation.
HINT: Multiply and divide BEFORE you add and subtract!

1.

	−		−		-13
+	■	−	■	/	
	×	**4**	+		31
+	■	−	■	+	
	−		+		4
17		0		3	

2.

8	/		−		3
+	■	−	■	+	
	−		+		2
+	■	−	■	+	
	−		×		-31
16		-9		16	

3.

	+		−		3
×	■	+	■	−	
5	−		+		8
+	■	+	■	−	
	/		+		3
51		9		0	

4.

	/		×		10
−	■	−	■	+	
	−		/	**3**	6
×	■		■	−	
	−		+		3
-4		-11		-1	

Answers

1.

-13		6	−	9	2
+	■	−	■	/	
31	×	4	+	3	7
+	■	−	■	+	
4	8	−	5	+	1
17		0		3	

2.

3	8	/	2	−	1
+	■	−	■	+	
2	3	−	7	+	6
+	■	−	■	+	
-31	5	−	4	×	9
16		-9		16	

3.

3	6	/	3	+	1
×	■	+	■	−	
8	5	−	4	+	7
+	■	+	■	−	
3	9	/	2	+	8
51		9		0	

4.

3	6	/	7	−	1
−	■	−	■	+	
6	8	−	9	/	3
×	■		■	−	
4	/	5	×	2	10
-4		-11		-1	

Missing Number Puzzles

These puzzles are tricky!

Use 1 through 9 to finish each equation. Use each number only once.
Each column is a math equation. Each row is a math equation.
HINT: Multiply and divide BEFORE you add and subtract!

1.

	+		×		= 39
-	■	+	■	×	
	+		×		= 25
-	■	+	■	-	
	-	**2**	×		= -15
= 4		= 15		= 7	

2.

	-		-		= -6
+	■	/	■	-	
1	×		+		= 10
-	■	/	■	-	
	×		-		= 5
= -1		= 1		= -12	

3.

9	×		/		= 27
+	■	-	■	+	
	×		+		= 12
×	■	+	■	+	
	×		+		= 26
= 21		= 12		= 15	

4.

	/		+		= 7
/	■	×	■	×	
	×	**7**	+		= 20
×	■	+	■	-	
	+		×		= 12
= 12		= 29		= 21	

Answers

1.

6	+	9	×	5	= 39
-	■	+	■	×	
4	+	7	×	3	= 25
-	■	+	■	-	
1	-	2	×	8	= -15
= 4		= 15		= 7	

2.

5	-	8	-	3	= -6
+	■	/	■	-	
1	×	4	+	6	= 10
-	■	/	■	-	
7	×	2	-	9	= 5
= -1		= 1		= -12	

3.

9	×	6	/	2	= 27
+	■	-	■	+	
4	×	1	+	8	= 12
×	■	+	■	+	
3	×	7	+	5	= 26
= 21		= 12		= 15	

4.

8	/	4	+	5	= 7
/	■	×	■	×	
2	×	7	+	6	= 20
×	■	+	■	-	
3	+	1	×	9	= 12
= 12		= 29		= 21	

Missing Number Puzzles

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HINT: Multiply and divide BEFORE you add and subtract!

Answers

Missing Number Puzzles

These puzzles are tricky!

Use 1 through 9 to finish each equation. Use each number only once.
Each column is a math equation. Each row is a math equation.
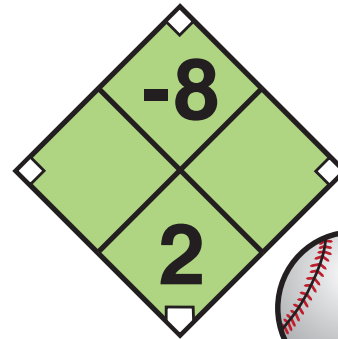HINT: Multiply and divide BEFORE you add and subtract!

BASEBALL DIAMOND PUZZLES

Solve the puzzles by finding two numbers whose product equals the top number, and whose sum equals the bottom number.

ex:

16	
4	4
8	

7	
8	

10	
7	

4	
4	

18	
9	

9	
6	

20	
9	

24	
10	

16	
10	

5	
6	

21	
10	

42	
13	

BASEBALL DIAMOND PUZZLES

Solve the puzzles by finding two numbers whose product equals the top number, and whose sum equals the bottom number.
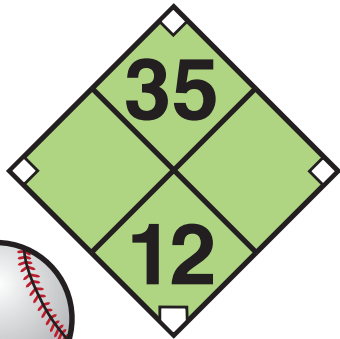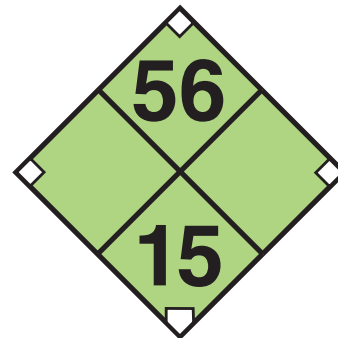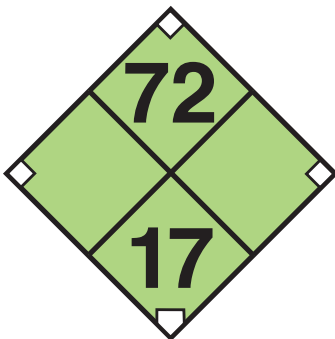
ex:

24	
3	**8**
11	

15	
8	

40	
13	

36	
12	

72	
17	

-4	
-3	

-9	
0	

27	
12	

56	
15	

35	
12	

25	
10	

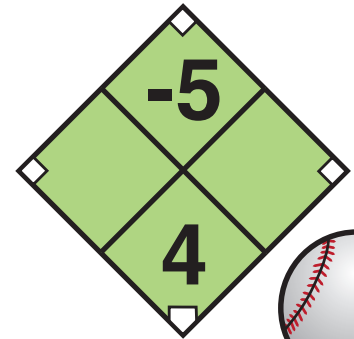|	
-8	
2	

BASEBALL DIAMOND PUZZLES

Solve the puzzles by finding two numbers whose product equals the top number, and whose sum equals the bottom number.

ex:

-48
6   -8
-2

-18

-3

-10

-3

-21

4

-32

4

28

11

18

-9

32

-12

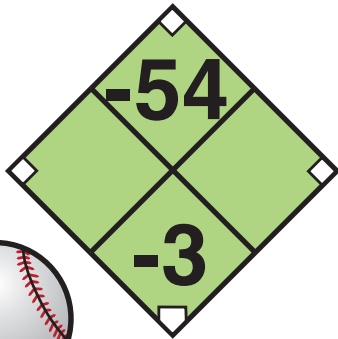63

-16

-54

-3

-54

3

-5

4

BASEBALL DIAMOND PUZZLES

Solve the puzzles by finding two numbers whose product equals the top number, and whose sum equals the bottom number.

ex:

81
9   9
18

-21

-4

-27

-6

12

-8

20

-9

54

-15

-42

-1

-63

2

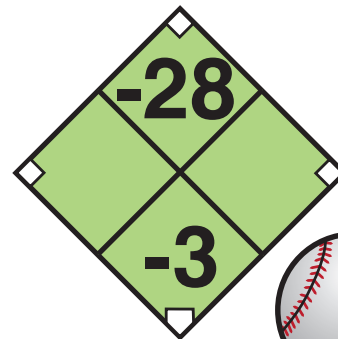**-24**

-5

-18

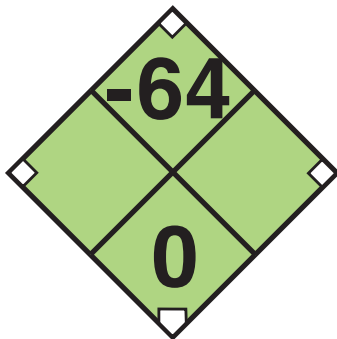**-7**

-64

0

-28

-3

BASEBALL DIAMOND PUZZLES

Solve the puzzles by finding two numbers whose product equals the top number, and whose sum equals the bottom number.

ex:

	36		
-4		-9	
	-13		

	-12	
	-4	

	-8	
	-7	

	54	
	15	

	40	
	-13	

	-30	
	1	

	-40	
	-3	

	-49	
	0	

	72	
	-17	

	14	
	-9	

	-63	
	-2	

	-45	
	4	

Great job!

_____

is an ThuVienTiengAnh.Com math superstar

Answer Sheets
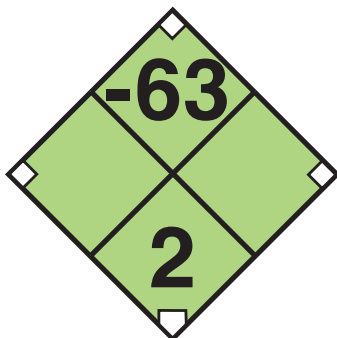
A Puzzling Outcome

Answer Sheet

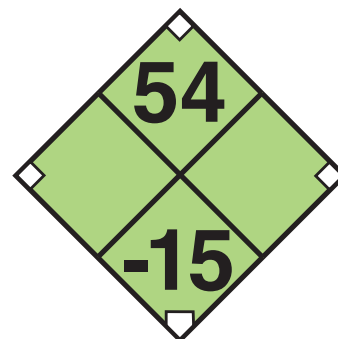## BASEBALL DIAMOND PUZZLES

Solve the puzzles by finding two numbers whose product equals the top number, and whose sum equals the bottom number.

ex:

16		7		10
4 / 4		7 / 1		5 / 2
8		8		7

4		18		9
2 / 2		3 / 6		3 / 3
4		9		6

20		24		16
5 / 4		4 / 6		8 / 2
9		10		10

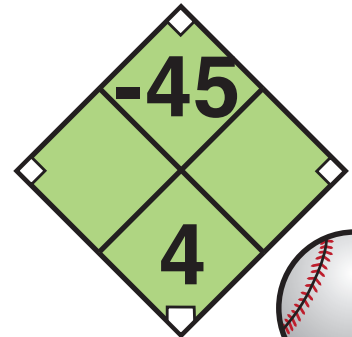|		
5		21		42
5 / 1		7 / 3		6 / 7
6		10		13

Answer Sheet

BASEBALL DIAMOND PUZZLES

Solve the puzzles by finding two numbers whose product equals the top number, and whose sum equals the bottom number.
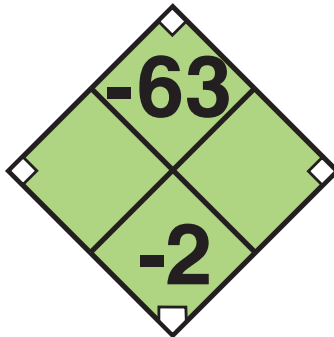
ex:

	24	
3		8
	11	

	15	
5		3
	8	

	40	
8		5
	13	

	36	
6		6
	12	

	72	
8		9
	17	

	-4	
-4		1
	-3	

	-9	
3		-3
	0	

	27	
3		9
	12	

	56	
8		7
	15	

	35	
7		5
	12	

	25	
5		5
	10	

	-8	
4		-2
	2	

Answer Sheet

BASEBALL DIAMOND PUZZLES

Solve the puzzles by finding two numbers whose product equals the top number, and whose sum equals the bottom number.

ex:
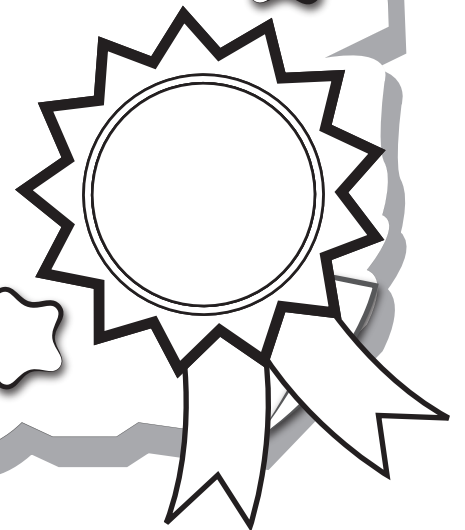
-48 / 6, -8 / -2	-18 / -6, 3 / -3	-10 / 2, -5 / -3
-21 / -3, 7 / 4	-32 / 8, -4 / 4	28 / 4, 7 / 11
18 / -3, -6 / -9	32 / -8, -4 / -12	63 / -9, -7 / -16
-54 / -9, 6 / -3	-54 / 9, -6 / 3	-5 / 5, -1 / 4

Answer Sheet

BASEBALL DIAMOND PUZZLES

Solve the puzzles by finding two numbers whose product equals the top number, and whose sum equals the bottom number.

ex:

81	-21	-27
9 · 9	-7 · 3	3 · -9
18	-4	-6

12	20	54
-2 · -6	-4 · -5	-9 · -6
-8	-9	-15

-42	-63	-24
-7 · 6	9 · -7	-8 · 3
-1	2	-5

-18	-64	-28
-9 · 2	-8 · 8	4 · -7
-7	0	-3

Answer Sheet

BASEBALL DIAMOND PUZZLES

Solve the puzzles by finding two numbers whose product equals the top number, and whose sum equals the bottom number.

ex:

	36	
-4		-9
	-13	

	-12	
-6		2
	-4	

	-8	
-8		1
	-7	

	54	
9		6
	15	

	40	
-8		-5
	-13	

	-30	
6		-5
	1	

	-40	
-8		5
	-3	

	-49	
-7		7
	0	

	72	
-8		-9
	-17	

	14	
-7		-2
	-9	

	-63	
-9		7
	-2	

	-45	
9		-5
	4	