

# A Puzzling Outcome

5<sup>th</sup>  
Grade

	X		-	9	-6
+		-		X	
	-		+	5	0
X		-		+	
	-		+	8	10
15		-10		53	

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# 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.

	5		5
-1	2	-	1
	+		+
12	3	X	4

2.

	1		2
4	3	+	1
	-		X
8	4	X	2

3.

	-1		12
1	2	-	3
	-		X
5	1	+	4

4.

	1		3
-2	3	-	1
	-		+
8	4	X	2

# 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
+		X	
	-		1
7		2	

2.

	+		4
X		+	
	X		8
2		7	

3.

	X		8
X		-	
	-		2
6		3	

4.

	-		-1
-		X	
	+		5
-2		3	

## Answers

1.

	2		7
1	2	-	3
	X		+
3	1	-	4

2.

	7		2
8	4	X	2
	+		X
4	3	+	1

3.

	3		6
2	1	-	3
	-		X
8	4	X	2

4.

	3		-2
5	1	+	4
	X		-
-1	3	-	2

# 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
+		-	
	X		8
5		-3	

2.

	X		6
X		+	
	-		-3
2		7	

3.

	X		6
X		X	
	-		3
8		3	

4.

	+		6
-		X	
	X		3
-1		4	

## Answers

1.

		-3		5	
8	4	X	2	4	
		-		+	
4	1	+	3	3	

2.

		7		2	
-3	4	-	1	4	
		+		X	
6	3	X	2	3	

3.

		3		8	
3	1	-	4	8	
		X		X	
6	3	X	2	3	

4.

		4		-1	
3	1	X	3	3	
		X		-	
6	4	+	2	2	

# 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
+		X		+	
	X		-		14
X		-		/	
	-		-		3
41		32		4	

2.

	-		+		3
-		X		+	
	X		+		31
/		-		X	
	X		+	7	13
1		42		15	

3.

	+		X		53
/		/		+	
	X	3	+		12
+		+		X	
	-		X		3
11		4		29	

4.

	+		+	9	16
-		+		X	
	X		+		43
X		X		/	
	X		+		10
-15		11		18	

## Answers

1.

4	32	41			
8	-	3	-	8	2
	X		-	X	/
4	X	5	-	6	14
	+		X		+
9	+	7	+	1	17

2.

15	42	1			
13	7	3	+	2	X
	X		-		/
31	1	6	+	5	X
	+		X		-
3	8	4	-	9	+

3.

29	4	11			
3	4	7	-	1	X
	X		+		+
12	6	2	X	3	+
	+		/		-
53	5	8	+	9	X

4.

18	11	-15			
10	4	3	+	2	X
	/		X		X
43	8	7	+	5	X
	X		+		-
16	9	6	+	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.

1	+		-		6
-		X		-	
	-		X		-6
+		+		X	
	+		-		2
-4		41		-22	

2.

	-		-	3	4
+		+		+	
	+		+		12
X		+		-	
	/		-		-5
57		7		1	

3.

	X		+		14
-		-		+	
	X		-		-3
/		X		X	
	X		+	7	31
0		-3		67	

4.

	-		+		4
X		X		X	
	X		+	9	11
-		+		+	
	+		+		15
-3		17		58	

## 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.

	X		-		3
X		+		+	
	-	8	-		-7
/		+		X	
	-		-		-8
14	18	14			

2.

	X		-		-2
X		X		X	
	+		-		2
+		-		+	
	-		-	2	-4
27	2	74			

3.

1	-		-		-15
X		+		X	
	+		+		17
-		+		-	
	-		+		5
3	16	50			

4.

	X		+		46
X		X		-	
4	/		+		10
+		-		X	
	X		/		14
27	12	-23			

## Answers

1.

						14	18	14
					3	-	-	9
	X		+		/			
					6	-	-	8
						+		
					7	X	1	-

2.

						74	2	27
					3	-	-	5
						+		
					4	+	7	-
						X	X	X
					6	X	1	-

3.

						50	16	3
					2	-	-	3
						+		
					5	+	4	+
						X		X
					1	-	9	-

4.

						-23	12	27
					7	X	6	/
						+		
					4	/	2	+
						-	X	X
					5	X	9	+

# 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.

	-		X	8	-25
+		+		-	
	+		+		13
-		-		+	
	X		/		15
11		-1		7	

2.

	-		X		-4
-		-		X	
	/		-		0
-		X		+	
	+		-	6	8
-10		-17		34	

3.

	-		+		10
X		-		-	
	X		+		55
+		+		X	
1	X		-		1
25		1		-19	

4.

	/		X	5	15
X		+		+	
	+		-		-1
-		-		+	
	X		-		41
12		-4		16	

## Answers

1.

7	-1	11			
15	2	/	6	X	5
	+		-		-
13	9	+	1	+	3
	-		+		+
-25	7	-	4	X	8

2.

34	-17	-10			
8	6	-	9	+	5
	+		X		-
0	8	/	2	-	4
	X		-		-
-4	3	-	1	X	7

3.

-19	1	25			
1	4	-	5	X	1
	X		+		+
55	7	+	6	X	8
	-		-		X
10	9	+	2	-	3

4.

16	-4	12			
41	7	-	8	X	6
	+		-		-
-1	4	-	1	+	2
	+		+		X
15	5	X	3	/	9

# 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.

	+		X		44
+		+		+	
	+		X	3	27
/		-		-	
	+		+		8
11		11		6	

2.

	X		-		22
+		+		X	
	X		-		-6
+		+		/	
	+		+	4	17
12		16		10	

3.

	-		/	4	3
+		-		X	
	X		-		5
X		+		-	
	-		-		-4
11		7		35	

4.

	-		+		9
/		+		+	
	X		+		14
X		X		X	
	-	5	-		-13
3		19		79	

## Answers

1.

6		11		11		
8		1	+	5	+	2
			/			
27		3	X	7	+	6
			+		+	
44		4	X	9	+	8

2.

10		16		12		
17		4	+	6	+	7
			/			
-6		8	-	1	X	2
			X		+	
22		5	-	9	X	3

3.

35		7		11		
-4		1	-	6	-	3
			+		X	
5		9	-	7	X	2
			X		-	
3		4	/	8	-	5

4.

79		19		3		
-13		9	-	5	-	1
			X		X	
14		8	+	3	X	2
			+		+	
9		7	+	4	-	6

# 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.

	X		-		39
+		+		+	
	X		+	4	39
X		X		/	
	-		X		-5
13		27		11	

2.

	-		X		-1
X		+		+	
	+		+		21
+		+		X	
	/		-	6	-4
22		10		57	

3.

	+		-		3
+		X		X	
8	/		/		1
-		-		-	
	/		X		2
9		17		17	

4.

	-		-		4
X		-		X	
	-		-		-6
+		X		+	
6	/		X		15
62		-17		17	

## Answers

1.

					11					27					13
-5															

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.

	+		+		18
-		X		-	
	-		X		5
-		-		/	
	+		/	2	8
-11		2		5	

2.

	X		+		35
-		-		+	
	/	2	+		3
-		-		-	
	X		+		47
-7		0		4	

3.

	-		-		3
+		-		X	
	+		-		1
X		X		-	
4	-		-		-13
27		-15		-2	

4.

	+	7	+		17
+		X		/	
	X		+		11
X		+		X	
	-		X		-13
44		9		18	

## Answers

1.

5	2	-11			
8	2	/	6	+	5
		/		-	-
5			9	-	1
			X		4
			-		-
			X		
			3	+	8
			7	+	18

2.

4	0	-7			
47			6	X	7
				+	5
				-	-
			4	/	2
			3	+	1
				+	-
			3	X	9
			8	+	35

3.

-2	-15	27			
-13			4	-	9
				-	-
			X		X
			5	+	2
			6	-	1
				+	X
			7	-	3
			1	-	3

4.

18	9	44			
-13			5	-	2
			X		X
				+	
			8	X	1
			11	+	3
				/	X
			6	+	7
			17	+	4

# Missing Number Puzzles

These puzzles are tricky!

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HINT: Multiply and divide BEFORE you add and subtract!

1.

	X		+		27
-		+		+	
8	-		+		1
+		+		X	
	+		X		36
-1		20		13	

2.

	X		-	9	-6
+		-		X	
	-		+		0
X		-		+	
	-		+		10
15		-10		53	

3.

	X		-		23
-		/		X	
	X		+	9	21
/		+		-	
	-		-		-7
3		3		55	

4.

	X		-		9
+		+		-	
	+		-		6
-		/		X	
	+		X	1	6
8		7		-3	

## Answers

1.

	X		+		27
-		+		+	
8	-		+		1
+		+		X	
	+		X		36
-1		20		13	

2.

	X		-	9	-6
+		-		X	
	-		+		0
X		-		+	
	-		+		10
15		-10		53	

3.

	X		-		23
-		/		X	
	X		+	9	21
/		+		-	
	-		-		-7
3		3		55	

4.

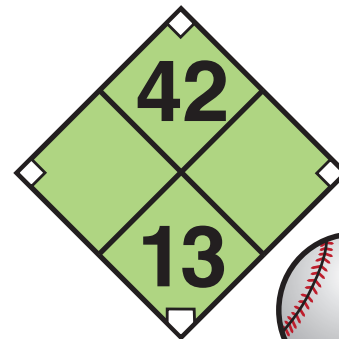
	X		-		9
+		+		-	
	+		-		6
-		/		X	
	+		X	1	6
8		7		-3	



# BASEBALL DIAMOND PUZZLES

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

ex:

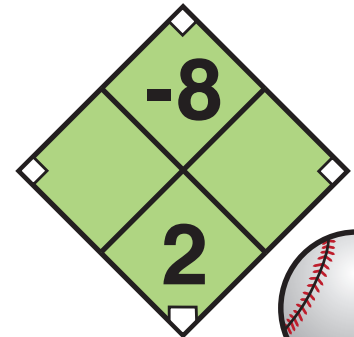
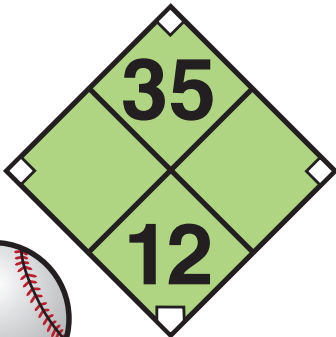
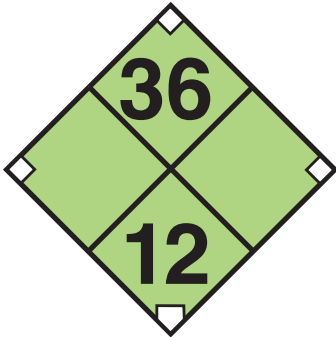




# BASEBALL DIAMOND PUZZLES

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

ex:

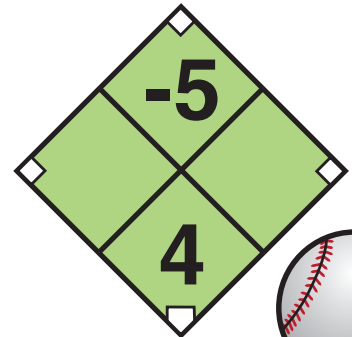
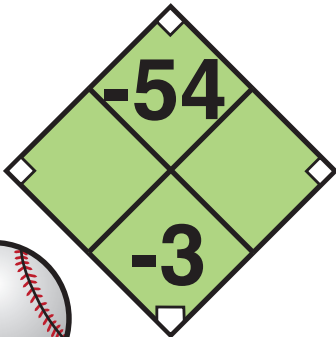




# BASEBALL DIAMOND PUZZLES

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

ex:





# BASEBALL DIAMOND PUZZLES

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

ex:

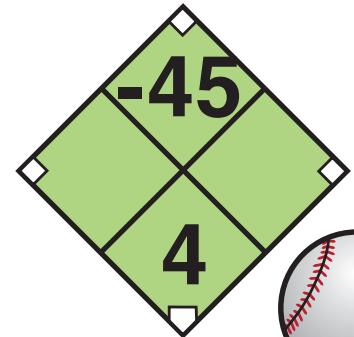
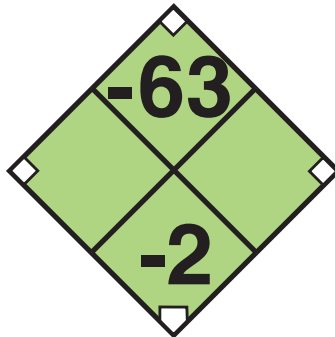




# BASEBALL DIAMOND PUZZLES

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

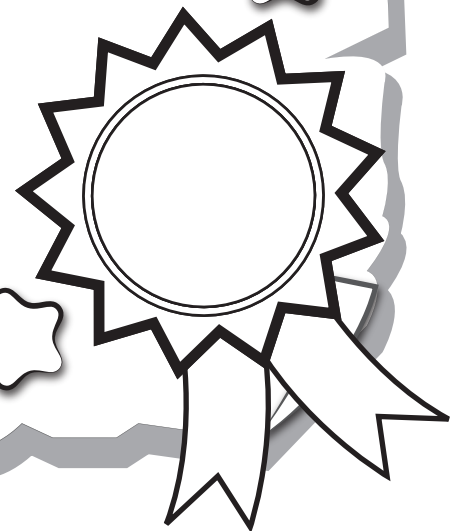
ex:



Great job!

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is an Education.com math superstar



# Answer Sheets

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## **A Puzzling Outcome**

Baseball Diamond Puzzles #1  
Baseball Diamond Puzzles #2  
Baseball Diamond Puzzles #3  
Baseball Diamond Puzzles #4  
Baseball Diamond Puzzles #5

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# 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:



# 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:



# 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:



# 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:



# 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:

