

Day 1

Addition Can Be Done In Any Order - Subtraction Can't!

Numbers can be added in any order and the answer will stay the same.

Example:

●	●	○	○	○	○	○	○	○	○		
2 +		5 +					3			=	10

○	○	○	○	○	○	○	○	●	●		
5 +					3 +			2		=	10

The total is the same! Use this to help you answer the questions below.

1. $4 + 3 = 7$

$3 + 4 = \square$

2. $9 + 2 = 11$

$2 + 9 = \square$

3. $6 + 4 + 7 = 17$

$4 + 7 + 6 = \square$

4. $19 + 10 = 29$

$10 + 19 = \square$

5. $18 + 15 = 33$

$15 + 18 = \square$

6. $2 + 7 = 9$

$7 + \square = 9$

7. $7 + 3 + 6 = 16$

$3 + \square + 6 = 16$

8. $4 + 5 + 6 + 5 = 20$

$6 + \square + \square + \square = 20$

9. $23 + 20 = 43$

$20 + \square = \square$

10. $27 + 24 = 51$

$24 + \square = \square$

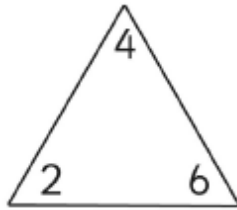


	Correct?
1. $7 - 4 = 3$	
$4 - 7 = 3$	
2. $8 - 13 = 5$	
$13 - 8 = 5$	
3. $10 - 17 = 7$	
$17 - 10 = 7$	
4. $1 - 99 = 98$	
$99 - 1 = 98$	
5. $21 - 18 = 3$	
$18 - 21 = 3$	

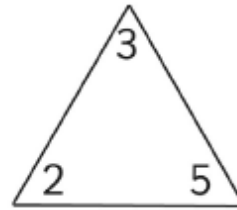
	Correct?
6. $12 - 5 = 7$	
$5 - 12 = 7$	
7. $30 - 18 = 12$	
$18 - 30 = 12$	
8. $30 - 40 = 10$	
$40 - 30 = 10$	
9. $8 - 4 - 2 = 2$	
$4 - 8 - 2 = 2$	
10. $43 - 17 = 26$	
$17 - 43 = 26$	

Day 2

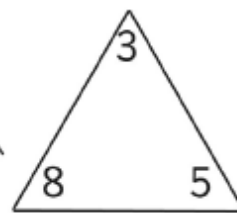
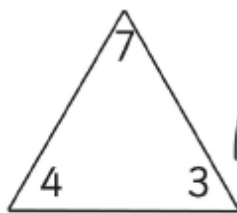
Number Family



$$\begin{array}{l} \square + \square = \square \\ \square + \square = \square \\ \square - \square = \square \\ \square - \square = \square \end{array}$$



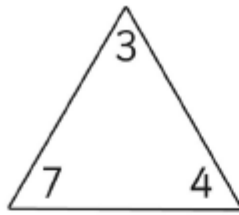
$$\begin{array}{l} \square + \square = \square \\ \square + \square = \square \\ \square - \square = \square \\ \square - \square = \square \end{array}$$



$$\begin{array}{l} \square + \square = \square \\ \square + \square = \square \\ \square - \square = \square \\ \square - \square = \square \end{array}$$

$$\begin{array}{l} \square + \square = \square \\ \square + \square = \square \\ \square - \square = \square \\ \square - \square = \square \end{array}$$

Number Family

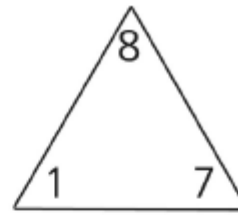


$$\square + \square = \square$$

$$\square + \square = \square$$

$$\square - \square = \square$$

$$\square - \square = \square$$

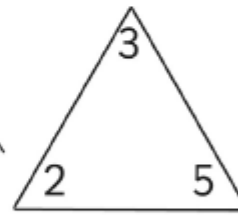
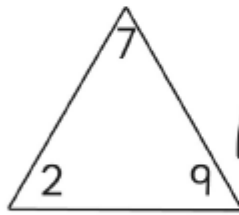


$$\square + \square = \square$$

$$\square + \square = \square$$

$$\square - \square = \square$$

$$\square - \square = \square$$



$$\square + \square = \square$$

$$\square + \square = \square$$

$$\square - \square = \square$$

$$\square - \square = \square$$

$$\square + \square = \square$$

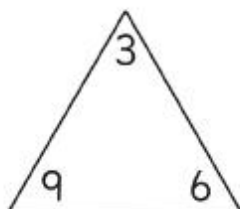
$$\square + \square = \square$$

$$\square - \square = \square$$

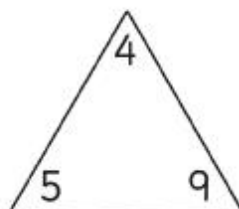
$$\square - \square = \square$$

Day 3

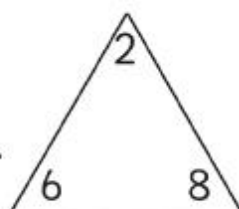
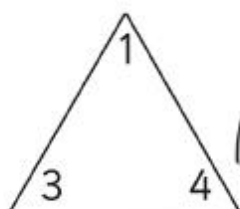
Number Family



$$\begin{array}{r} \square + \square = \square \\ \square + \square = \square \\ \square - \square = \square \\ \square - \square = \square \end{array}$$



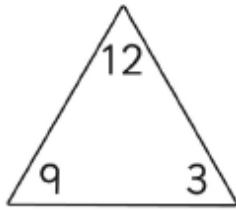
$$\begin{array}{r} \square + \square = \square \\ \square + \square = \square \\ \square - \square = \square \\ \square - \square = \square \end{array}$$



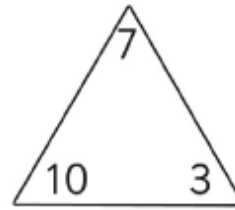
$$\begin{array}{r} \square + \square = \square \\ \square + \square = \square \\ \square - \square = \square \\ \square - \square = \square \end{array}$$

$$\begin{array}{r} \square + \square = \square \\ \square + \square = \square \\ \square - \square = \square \\ \square - \square = \square \end{array}$$

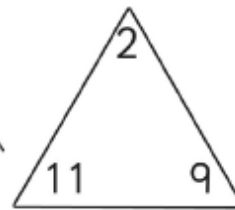
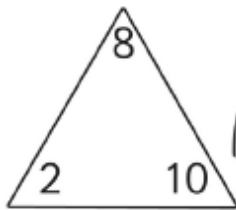
Number Family



$$\begin{array}{r} \square + \square = \square \\ \square + \square = \square \\ \square - \square = \square \\ \square - \square = \square \end{array}$$



$$\begin{array}{r} \square + \square = \square \\ \square + \square = \square \\ \square - \square = \square \\ \square - \square = \square \end{array}$$

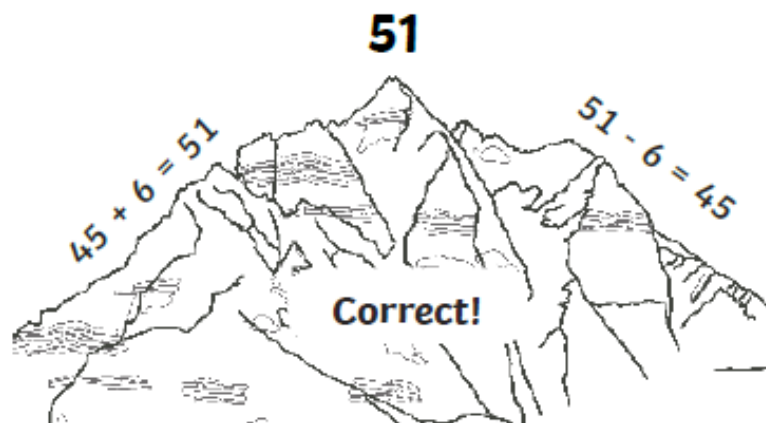


$$\begin{array}{r} \square + \square = \square \\ \square + \square = \square \\ \square - \square = \square \\ \square - \square = \square \end{array}$$

$$\begin{array}{r} \square + \square = \square \\ \square + \square = \square \\ \square - \square = \square \\ \square - \square = \square \end{array}$$

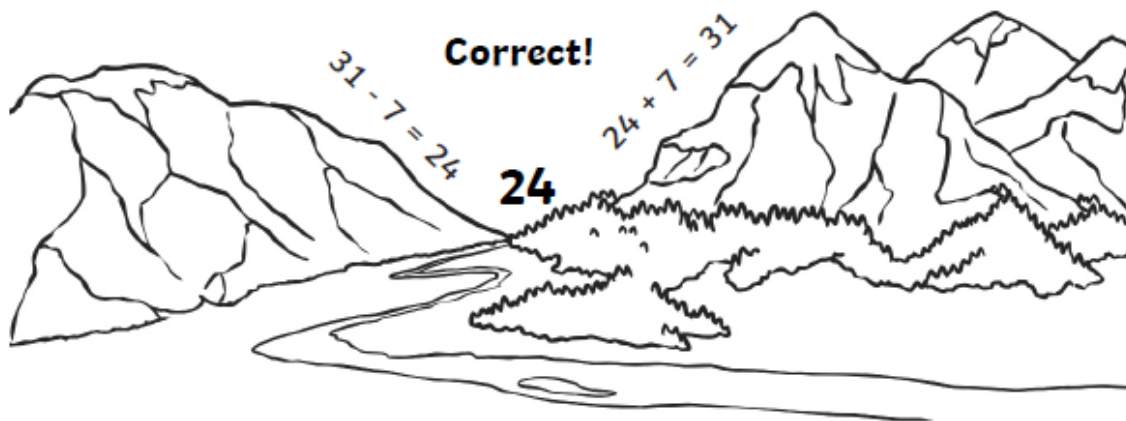
Day 4

Using Inverse Operations to Check



For each of these addition calculations, work out the answer to the inverse operation, to check whether each answer is right or wrong.

	Correct?		Correct?
$37 + 7 = 43$		$26 + 8 = 44$	
$43 - 7 =$		$44 - 8 =$	
$25 + 8 = 33$		$17 + 9 = 25$	
$33 - 8 =$		$25 - 9 =$	
$47 + 5 = 52$		$22 + 9 = 30$	
$52 - 5 =$		$30 - 22 =$	
$34 + 6 = 40$		$19 + 9 = 28$	
$40 - 34 =$		$28 - 9 =$	
$76 + 8 = 85$		$46 + 7 = 53$	
$85 - 76 =$		$53 - 46 =$	



For each of these subtraction calculations, work out the answer to the inverse operation, to check whether each answer is right or wrong.

	Correct?		Correct?
$45 - 6 = 39$		$22 - 4 = 19$	
$39 + 6 =$		$19 + 4 =$	
$37 - 9 = 26$		$15 - 8 = 10$	
$26 + 9 =$		$10 + 8 =$	
$31 - 3 = 28$		$34 - 7 = 26$	
$28 + 3 =$		$26 + 7 =$	
$42 - 6 = 38$		$51 - 6 = 45$	
$38 + 6 =$		$45 + 6 =$	
$62 - 7 = 54$		$17 - 9 = 8$	
$54 + 7 =$		$9 + 8 =$	

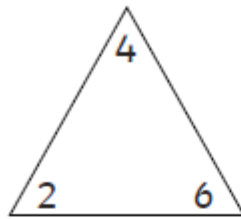
Answers

Day 1

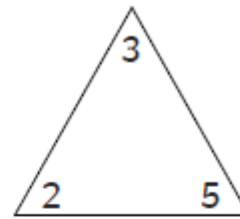
question	answer
A.	
1	$3 + 4 = 7$
2	$2 + 9 = 11$
3	$4 + 7 + 6 = 17$
4	$10 + 19 = 29$
5	$15 + 18 = 33$
6	$7 + 2 = 9$
7	$3 + 7 + 6 = 16$
8	$6 + 5 + 4 + 5 = 20$ (any order)
9	$20 + 23 = 43$
10	$24 + 27 = 51$
B.	
1.	$7 - 4 = 3$ Correct! $4 - 7 = 3$ Wrong!
2.	$8 - 13 = 5$ Wrong! $13 - 8 = 5$ Correct!
3.	$10 - 17 = 7$ Wrong! $17 - 10 = 7$ Correct!
4.	$1 - 99 = 98$ Wrong! $99 - 1 = 98$ Correct!
5.	$21 - 18 = 3$ Correct! $18 - 21 = 3$ Wrong!
6.	$12 - 5 = 7$ Correct! $5 - 12 = 7$ Wrong!
7.	$30 - 18 = 12$ Correct! $18 - 30 = 12$ Wrong!
8.	$30 - 40 = 10$ Wrong! $40 - 30 = 10$ Correct!
9.	$8 - 4 - 2 = 2$ Correct! $4 - 8 - 2 = 2$ Wrong!
10.	$43 - 17 = 26$ Correct! $17 - 43 = 26$ Wrong!

Day 2

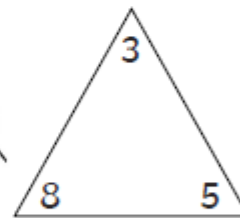
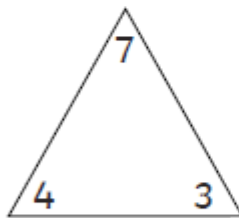
Number Family Worksheet 1 - Answers



$$\begin{array}{r} 2 + 4 = 6 \\ 4 + 2 = 6 \\ 6 - 2 = 4 \\ 6 - 4 = 2 \end{array}$$



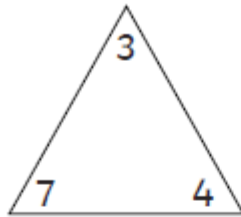
$$\begin{array}{r} 2 + 3 = 5 \\ 3 + 2 = 5 \\ 5 - 2 = 3 \\ 5 - 3 = 2 \end{array}$$



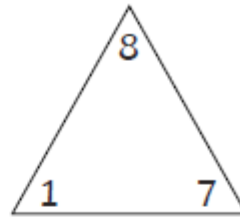
$$\begin{array}{r} 4 + 3 = 7 \\ 3 + 4 = 7 \\ 7 - 4 = 3 \\ 7 - 3 = 4 \end{array}$$

$$\begin{array}{r} 3 + 5 = 8 \\ 5 + 3 = 8 \\ 8 - 3 = 5 \\ 8 - 5 = 3 \end{array}$$

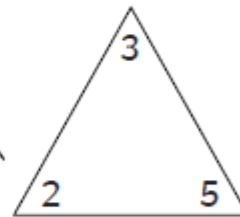
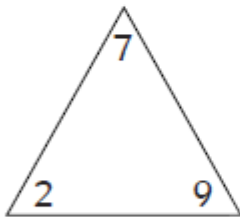
Number Family Worksheet 2 - Answers



$$\begin{array}{r} 3 + 4 = 7 \\ 4 + 3 = 7 \\ 7 - 3 = 4 \\ 7 - 4 = 3 \end{array}$$



$$\begin{array}{r} 1 + 7 = 8 \\ 7 + 1 = 8 \\ 8 - 1 = 7 \\ 8 - 7 = 1 \end{array}$$

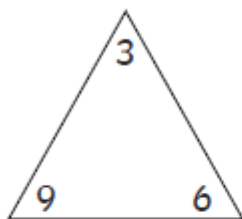


$$\begin{array}{r} 7 + 2 = 9 \\ 2 + 7 = 9 \\ 9 - 2 = 7 \\ 9 - 7 = 2 \end{array}$$

$$\begin{array}{r} 3 + 2 = 5 \\ 2 + 3 = 5 \\ 5 - 3 = 2 \\ 5 - 2 = 3 \end{array}$$

Day 3

Number Family Worksheet 3 - Answers

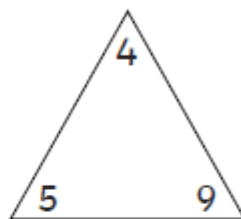


$$3 + 6 = 9$$

$$6 + 3 = 9$$

$$9 - 3 = 6$$

$$9 - 6 = 3$$

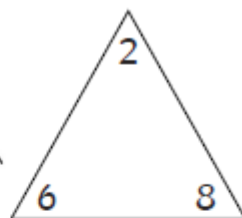
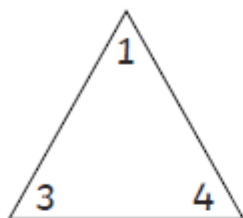


$$5 + 4 = 9$$

$$4 + 5 = 9$$

$$9 - 5 = 4$$

$$9 - 4 = 5$$



$$1 + 3 = 4$$

$$3 + 1 = 4$$

$$4 - 1 = 3$$

$$4 - 3 = 1$$

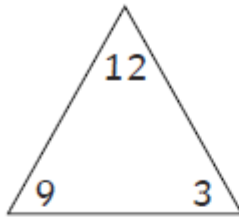
$$2 + 6 = 8$$

$$6 + 2 = 8$$

$$8 - 2 = 6$$

$$8 - 6 = 2$$

Number Family Worksheet 4 - Answers

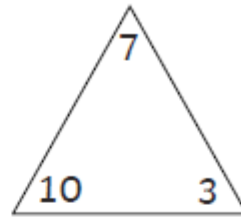


$$9 + 3 = 12$$

$$3 + 9 = 12$$

$$12 - 9 = 3$$

$$12 - 3 = 9$$

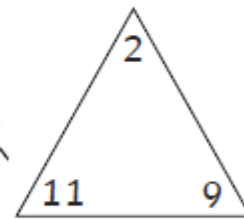
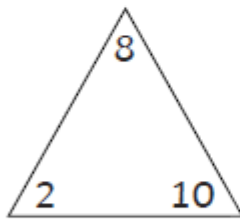


$$7 + 3 = 10$$

$$3 + 7 = 10$$

$$10 - 7 = 3$$

$$10 - 3 = 7$$



$$8 + 2 = 10$$

$$2 + 8 = 10$$

$$10 - 8 = 2$$

$$10 - 2 = 8$$

$$9 + 2 = 11$$

$$2 + 9 = 11$$

$$11 - 2 = 9$$

$$11 - 9 = 2$$

Day 4

question	answer
A.	
1	36 - Wrong
2	36 - Wrong
3	25 - Correct
4	16 - Wrong
5	47 - Correct
6	8 - Wrong
7	6 - Correct
8	19 - Correct
9	9 - Wrong
10	7 - Correct
B.	
1	45 - Correct
2	23 - Wrong
3	35 - Wrong
4	18 - Wrong
5	31 - Correct
6	33 - Wrong
7	44 - Wrong
8	51 - Correct
9	61 - Wrong
10	17 - Correct