Addition and Subtraction Expressions

How do you find a rule to write an expression?

To find a rule and write an expression, look at the numbers being compared. Which is the greater number?

Consider 57 and 50. 57 is greater than 50, so rule out addition.

Find how much greater 57 is than 50.
57 is 7 more than 50, so the rule must involve subtraction.

Look at the other two columns of numbers and compare them. The top number is 7 more than the bottom number.

A rule is subtract 7, so the expression is $v - 7$.

v	57	28	10
	50	21	3

Compare the numbers in each column of the table.

Find a rule for each table.

1.

r	24	28	31	36
	11	15	18	23

2.

f	17	41	86	93
	21	45	90	97

Find a rule and write the missing number for each table.

3.

c	7	10	15	19
	32	35		44

4.

h	52	47	40	36
	44	39		28

5.

m	68	72	77	82
	25		34	39

6.

s	34	37	74	78
	51	54	91	

Name _____

Addition and Subtraction Expressions

Find a rule and write the missing number for each table.

1.

r	19	24	32	37
	7	12	20	

2.

a	6	9	12	15
		40		46	49

3.

s	10	15	25	30
	5	10		25

4.

b	16	19	22	26
			35	38	42

5.

w	3	6	9	12
	6		12	15

6.

n	51	42	33	24
		40	31		13

7. Evaluate the expression $15 - n$ when $n = 9$. _____

8. Which expression stands for "32 more than a number d"?

   A $32 \times d$

   B $32 - d$

   C $32 + d$

   D $32 \div d$

9. Explain what the variable represents in an addition or subtraction expression.

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