MY Homework

Lesson 5

Addition and Subtraction Rules

Homework Helper

eHelp

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Write an equation that describes the pattern in the table. Then use the equation to find the next three output numbers.

Input (d)	12	15	18	21	24	27
Output (f)	19	22	25	⬜	⬜	⬜

The rule is add 7. The letter d represents the input, and the letter f represents the output. So, the equation is $d + 7 = f$.

Use the equation to find the next three output numbers:

$$21 + 7 = 28$$
$$24 + 7 = 31$$
$$27 + 7 = 34$$

So, the completed table looks like this:

Input (d)	12	15	18	21	24	27
Output (f)	19	22	25	28	31	34

Practice

Write an equation that describes the pattern. Then use the equation to find the next three output numbers.

1.

Input (a)	Output (b)
$2	$27
$4	$29
$6	
$8	
$10	

2.

Input (s)	Output (t)
87	76
80	69
73	
66	
59	

Equation: _____

Equation: _____

Write an equation that describes the pattern. Then use the equation to find the next three output numbers.

3.

Input (x)	Output (y)
22	17
26	21
30	
34	
38	

Equation: _____

4.

Input (c)	Output (d)
0	8
5	13
10	
15	
20	

Equation: _____

Problem Solving

Jeremy's class is going on a field trip. The school will bring all the students who are there that day plus 4 chaperones.

5. Write an equation for this situation.

_____

6. Mathematical PRACTICE 5 **Use Math Tools** Complete the table to show how many people will go if there are 25, 27, 29, 31, or 33 students.

Input (s)	Output (p)

Vocabulary Check

Draw a line to match each word to its meaning.

7. input   • a number before an operation is performed

8. output   • a number that is the result of an operation

Test Practice

9. Refer to the equation $a - 6 = b$. If $a = 45$, what is the value of b?

- Ⓐ 16
- Ⓑ 39
- Ⓒ 51
- Ⓓ 60