

Math Sheet

Name _____ Score _____ / 28 Teacher _____ Date _____

Input-output box word problems

Complete the rule tables, then answer four questions about one context.

Use the rule to fill every empty output.

1. Rule: Add 3

Input	Output
1	
7	
20	
23	

2. Rule: Subtract 4

Input	Output
8	
10	
18	
27	

3. Rule: Add 1

Input	Output
0	
4	
28	
29	

4. Rule: Subtract 2

Input	Output
9	
18	
23	
25	

5. Rule: Add 5

Input	0	9	25	29
Output				

6. Rule: Subtract 1

Input	4	10	24	27
Output				

A club records sticker totals before and after a trade.

Before	4	8	20	21	28	29
After	8	12	24	25	32	33

7. When Before is 8, what is After?

8. When After is 24, what was Before?

9. What constant change takes Before to After?

10. Which rule describes every pair?

- A. Subtract 4
- B. Add 4
- C. Subtract 5
- D. Add 5

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Input-output box word problems

Answer key

Complete the rule tables, then answer four questions about one context.

Use the rule to fill every empty output.

1. Rule: Add 3

Input	Output
1	4
7	10
20	23
23	26

2. Rule: Subtract 4

Input	Output
8	4
10	6
18	14
27	23

3. Rule: Add 1

Input	Output
0	1
4	5
28	29
29	30

4. Rule: Subtract 2

Input	Output
9	7
18	16
23	21
25	23

5. Rule: Add 5

Input	0	9	25	29
Output	5	14	30	34

6. Rule: Subtract 1

Input	4	10	24	27
Output	3	9	23	26

A club records sticker totals before and after a trade.

Before	4	8	20	21	28	29
After	8	12	24	25	32	33

7. When Before is 8, what is After?

Answer: 12

8. When After is 24, what was Before?

Answer: 20

9. What constant change takes Before to After?

Answer: Add 4

10. Which rule describes every pair?

- A. Subtract 4
- C. Subtract 5

- B. Add 4
- D. Add 5

Answer: B. Add 4