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

_____

Math Sheet

Name _____ Score _____ / 28 Teacher _____ Date _____

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

B. Add 4

C. Subtract 5

D. Add 5

Answer: B. Add 4