



Determine what rule the function machine is using.

1)

| Input (s) | Output (w) |
|-----------|------------|
| 29 | 21 |
| 49 | 41 |
| 42 | 34 |
| 48 | 40 |
| 46 | 38 |

2)

| Input (r) | Output (b) |
|-----------|------------|
| 38 | 25 |
| 32 | 19 |
| 34 | 21 |
| 44 | 31 |
| 42 | 29 |

3)

| Input (f) | Output (r) |
|-----------|------------|
| 45 | 55 |
| 25 | 35 |
| 41 | 51 |
| 40 | 50 |
| 11 | 21 |

4)

| Input (a) | Output (t) |
|-----------|------------|
| 15 | 28 |
| 21 | 34 |
| 31 | 44 |
| 29 | 42 |
| 32 | 45 |

5)

| Input (w) | Output (r) |
|-----------|------------|
| 33 | 38 |
| 44 | 49 |
| 35 | 40 |
| 23 | 28 |
| 17 | 22 |

6)

| Input (c) | Output (j) |
|-----------|------------|
| 48 | 55 |
| 10 | 17 |
| 31 | 38 |
| 40 | 47 |
| 43 | 50 |

7)

| In (n) | 50 | 23 | 29 | 30 |
|---------|----|----|----|----|
| Out (p) | 55 | 28 | 34 | 35 |

8)

| In (c) | 16 | 37 | 27 | 45 |
|---------|----|----|----|----|
| Out (q) | 30 | 51 | 41 | 59 |

9)

| In (m) | 34 | 20 | 27 | 54 |
|---------|----|----|----|----|
| Out (b) | 29 | 15 | 22 | 49 |

10)

| In (b) | 61 | 51 | 42 | 50 |
|---------|----|----|----|----|
| Out (y) | 47 | 37 | 28 | 36 |

11)

| In (e) | 27 | 36 | 43 | 60 |
|---------|----|----|----|----|
| Out (u) | 17 | 26 | 33 | 50 |

12)

| In (l) | 46 | 19 | 28 | 32 |
|---------|----|----|----|----|
| Out (a) | 40 | 13 | 22 | 26 |

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____



Determine what rule the function machine is using.

1)

| Input (s) | Output (w) |
|-----------|------------|
| 29 | 21 |
| 49 | 41 |
| 42 | 34 |
| 48 | 40 |
| 46 | 38 |

Subtract 8

2)

| Input (r) | Output (b) |
|-----------|------------|
| 38 | 25 |
| 32 | 19 |
| 34 | 21 |
| 44 | 31 |
| 42 | 29 |

Subtract 13

3)

| Input (f) | Output (r) |
|-----------|------------|
| 45 | 55 |
| 25 | 35 |
| 41 | 51 |
| 40 | 50 |
| 11 | 21 |

Add 10

4)

| Input (a) | Output (t) |
|-----------|------------|
| 15 | 28 |
| 21 | 34 |
| 31 | 44 |
| 29 | 42 |
| 32 | 45 |

Add 13

5)

| Input (w) | Output (r) |
|-----------|------------|
| 33 | 38 |
| 44 | 49 |
| 35 | 40 |
| 23 | 28 |
| 17 | 22 |

Add 5

6)

| Input (c) | Output (j) |
|-----------|------------|
| 48 | 55 |
| 10 | 17 |
| 31 | 38 |
| 40 | 47 |
| 43 | 50 |

Add 7

7)

| In (n) | 50 | 23 | 29 | 30 |
|---------|----|----|----|----|
| Out (p) | 55 | 28 | 34 | 35 |

Add 5

8)

| In (c) | 16 | 37 | 27 | 45 |
|---------|----|----|----|----|
| Out (q) | 30 | 51 | 41 | 59 |

Add 14

9)

| In (m) | 34 | 20 | 27 | 54 |
|---------|----|----|----|----|
| Out (b) | 29 | 15 | 22 | 49 |

Subtract 5

10)

| In (b) | 61 | 51 | 42 | 50 |
|---------|----|----|----|----|
| Out (y) | 47 | 37 | 28 | 36 |

Subtract 14

11)

| In (e) | 27 | 36 | 43 | 60 |
|---------|----|----|----|----|
| Out (u) | 17 | 26 | 33 | 50 |

Subtract 10

12)

| In (l) | 46 | 19 | 28 | 32 |
|---------|----|----|----|----|
| Out (a) | 40 | 13 | 22 | 26 |

Subtract 6

Answers

1. Subtract 8

2. Subtract 13

3. Add 10

4. Add 13

5. Add 5

6. Add 7

7. Add 5

8. Add 14

9. Subtract 5

10. Subtract 14

11. Subtract 10

12. Subtract 6



Determine what rule the function machine is using.

Answers

| | | | |
|------------|--------|-------------|-------|
| Subtract 8 | Add 10 | Subtract 13 | Add 5 |
| Add 7 | Add 14 | Add 13 | Add 5 |
| Subtract 5 | | | |

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____

1)

| Input (s) | Output (w) |
|-----------|------------|
| 29 | 21 |
| 49 | 41 |
| 42 | 34 |
| 48 | 40 |
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2)

| Input (r) | Output (b) |
|-----------|------------|
| 38 | 25 |
| 32 | 19 |
| 34 | 21 |
| 44 | 31 |
| 42 | 29 |

3)

| Input (f) | Output (r) |
|-----------|------------|
| 45 | 55 |
| 25 | 35 |
| 41 | 51 |
| 40 | 50 |
| 11 | 21 |

4)

| Input (a) | Output (t) |
|-----------|------------|
| 15 | 28 |
| 21 | 34 |
| 31 | 44 |
| 29 | 42 |
| 32 | 45 |

5)

| Input (w) | Output (r) |
|-----------|------------|
| 33 | 38 |
| 44 | 49 |
| 35 | 40 |
| 23 | 28 |
| 17 | 22 |

6)

| Input (c) | Output (j) |
|-----------|------------|
| 48 | 55 |
| 10 | 17 |
| 31 | 38 |
| 40 | 47 |
| 43 | 50 |

7)

| In (n) | 50 | 23 | 29 | 30 |
|---------|----|----|----|----|
| Out (p) | 55 | 28 | 34 | 35 |

8)

| In (c) | 16 | 37 | 27 | 45 |
|---------|----|----|----|----|
| Out (q) | 30 | 51 | 41 | 59 |

9)

| In (m) | 34 | 20 | 27 | 54 |
|---------|----|----|----|----|
| Out (b) | 29 | 15 | 22 | 49 |