



Determine what rule the function machine is using.

1)

| Input (s) | Output (t) |
|-----------|------------|
| 17 | 26 |
| 20 | 29 |
| 25 | 34 |
| 28 | 37 |
| 41 | 50 |

2)

| Input (j) | Output (i) |
|-----------|------------|
| 45 | 39 |
| 54 | 48 |
| 43 | 37 |
| 38 | 32 |
| 53 | 47 |

3)

| Input (e) | Output (r) |
|-----------|------------|
| 60 | 50 |
| 46 | 36 |
| 36 | 26 |
| 52 | 42 |
| 50 | 40 |

4)

| Input (z) | Output (y) |
|-----------|------------|
| 47 | 40 |
| 31 | 24 |
| 19 | 12 |
| 26 | 19 |
| 36 | 29 |

5)

| Input (b) | Output (u) |
|-----------|------------|
| 27 | 41 |
| 32 | 46 |
| 16 | 30 |
| 40 | 54 |
| 41 | 55 |

6)

| Input (t) | Output (o) |
|-----------|------------|
| 25 | 16 |
| 54 | 45 |
| 46 | 37 |
| 44 | 35 |
| 32 | 23 |

7)

| In (y) | 41 | 38 | 40 | 50 |
|---------|----|----|----|----|
| Out (l) | 33 | 30 | 32 | 42 |

8)

| In (h) | 49 | 15 | 32 | 44 |
|---------|----|----|----|----|
| Out (t) | 54 | 20 | 37 | 49 |

9)

| In (g) | 40 | 17 | 22 | 41 |
|---------|----|----|----|----|
| Out (a) | 48 | 25 | 30 | 49 |

10)

| In (b) | 26 | 24 | 38 | 59 |
|---------|----|----|----|----|
| Out (p) | 13 | 11 | 25 | 46 |

11)

| In (m) | 36 | 16 | 47 | 34 |
|---------|----|----|----|----|
| Out (u) | 43 | 23 | 54 | 41 |

12)

| In (k) | 39 | 33 | 36 | 12 |
|---------|----|----|----|----|
| Out (o) | 50 | 44 | 47 | 23 |

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 (t) |
|-----------|------------|
| 17 | 26 |
| 20 | 29 |
| 25 | 34 |
| 28 | 37 |
| 41 | 50 |

Add 9

2)

| Input (j) | Output (i) |
|-----------|------------|
| 45 | 39 |
| 54 | 48 |
| 43 | 37 |
| 38 | 32 |
| 53 | 47 |

Subtract 6

3)

| Input (e) | Output (r) |
|-----------|------------|
| 60 | 50 |
| 46 | 36 |
| 36 | 26 |
| 52 | 42 |
| 50 | 40 |

Subtract 10

4)

| Input (z) | Output (y) |
|-----------|------------|
| 47 | 40 |
| 31 | 24 |
| 19 | 12 |
| 26 | 19 |
| 36 | 29 |

Subtract 7

5)

| Input (b) | Output (u) |
|-----------|------------|
| 27 | 41 |
| 32 | 46 |
| 16 | 30 |
| 40 | 54 |
| 41 | 55 |

Add 14

6)

| Input (t) | Output (o) |
|-----------|------------|
| 25 | 16 |
| 54 | 45 |
| 46 | 37 |
| 44 | 35 |
| 32 | 23 |

Subtract 9

7)

| In (y) | 41 | 38 | 40 | 50 |
|---------|----|----|----|----|
| Out (l) | 33 | 30 | 32 | 42 |

Subtract 8

8)

| In (h) | 49 | 15 | 32 | 44 |
|---------|----|----|----|----|
| Out (t) | 54 | 20 | 37 | 49 |

Add 5

9)

| In (g) | 40 | 17 | 22 | 41 |
|---------|----|----|----|----|
| Out (a) | 48 | 25 | 30 | 49 |

Add 8

10)

| In (b) | 26 | 24 | 38 | 59 |
|---------|----|----|----|----|
| Out (p) | 13 | 11 | 25 | 46 |

Subtract 13

11)

| In (m) | 36 | 16 | 47 | 34 |
|---------|----|----|----|----|
| Out (u) | 43 | 23 | 54 | 41 |

Add 7

12)

| In (k) | 39 | 33 | 36 | 12 |
|---------|----|----|----|----|
| Out (o) | 50 | 44 | 47 | 23 |

Add 11

Answers

1. Add 9

2. Subtract 6

3. Subtract 10

4. Subtract 7

5. Add 14

6. Subtract 9

7. Subtract 8

8. Add 5

9. Add 8

10. Subtract 13

11. Add 7

12. Add 11



Determine what rule the function machine is using.

Answers

| | | | |
|------------|------------|-------------|------------|
| Add 14 | Subtract 6 | Add 5 | Add 8 |
| Add 9 | Subtract 9 | Subtract 10 | Subtract 7 |
| Subtract 8 | | | |

1)

| Input (s) | Output (t) |
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| 20 | 29 |
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| 28 | 37 |
| 41 | 50 |

2)

| Input (j) | Output (i) |
|-----------|------------|
| 45 | 39 |
| 54 | 48 |
| 43 | 37 |
| 38 | 32 |
| 53 | 47 |

3)

| Input (e) | Output (r) |
|-----------|------------|
| 60 | 50 |
| 46 | 36 |
| 36 | 26 |
| 52 | 42 |
| 50 | 40 |

4)

| Input (z) | Output (y) |
|-----------|------------|
| 47 | 40 |
| 31 | 24 |
| 19 | 12 |
| 26 | 19 |
| 36 | 29 |

5)

| Input (b) | Output (u) |
|-----------|------------|
| 27 | 41 |
| 32 | 46 |
| 16 | 30 |
| 40 | 54 |
| 41 | 55 |

6)

| Input (t) | Output (o) |
|-----------|------------|
| 25 | 16 |
| 54 | 45 |
| 46 | 37 |
| 44 | 35 |
| 32 | 23 |

7)

| In (y) | 41 | 38 | 40 | 50 |
|---------|----|----|----|----|
| Out (l) | 33 | 30 | 32 | 42 |

8)

| In (h) | 49 | 15 | 32 | 44 |
|---------|----|----|----|----|
| Out (t) | 54 | 20 | 37 | 49 |

9)

| In (g) | 40 | 17 | 22 | 41 |
|---------|----|----|----|----|
| Out (a) | 48 | 25 | 30 | 49 |

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