



Determine what rule the function machine is using.

1)

| Input (p) | Output (c) |
|-----------|------------|
| 44 | 38 |
| 22 | 16 |
| 52 | 46 |
| 49 | 43 |
| 55 | 49 |

2)

| Input (j) | Output (i) |
|-----------|------------|
| 51 | 40 |
| 23 | 12 |
| 52 | 41 |
| 37 | 26 |
| 21 | 10 |

3)

| Input (c) | Output (d) |
|-----------|------------|
| 32 | 45 |
| 43 | 56 |
| 40 | 53 |
| 13 | 26 |
| 36 | 49 |

4)

| Input (n) | Output (s) |
|-----------|------------|
| 53 | 45 |
| 23 | 15 |
| 28 | 20 |
| 46 | 38 |
| 43 | 35 |

5)

| Input (i) | Output (g) |
|-----------|------------|
| 49 | 61 |
| 25 | 37 |
| 22 | 34 |
| 28 | 40 |
| 30 | 42 |

6)

| Input (a) | Output (h) |
|-----------|------------|
| 23 | 12 |
| 37 | 26 |
| 31 | 20 |
| 60 | 49 |
| 40 | 29 |

7)

| In (t) | 50 | 48 | 23 | 22 |
|---------|----|----|----|----|
| Out (n) | 61 | 59 | 34 | 33 |

8)

| In (q) | 24 | 50 | 36 | 55 |
|---------|----|----|----|----|
| Out (n) | 19 | 45 | 31 | 50 |

9)

| In (w) | 12 | 20 | 50 | 40 |
|---------|----|----|----|----|
| Out (i) | 27 | 35 | 65 | 55 |

10)

| In (j) | 29 | 27 | 38 | 46 |
|---------|----|----|----|----|
| Out (y) | 24 | 22 | 33 | 41 |

11)

| In (m) | 12 | 22 | 48 | 38 |
|---------|----|----|----|----|
| Out (z) | 27 | 37 | 63 | 53 |

12)

| In (t) | 38 | 30 | 24 | 11 |
|---------|----|----|----|----|
| Out (q) | 51 | 43 | 37 | 24 |

Answers

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



Determine what rule the function machine is using.

1)

| Input (p) | Output (c) |
|-----------|------------|
| 44 | 38 |
| 22 | 16 |
| 52 | 46 |
| 49 | 43 |
| 55 | 49 |

Subtract 6

2)

| Input (j) | Output (i) |
|-----------|------------|
| 51 | 40 |
| 23 | 12 |
| 52 | 41 |
| 37 | 26 |
| 21 | 10 |

Subtract 11

3)

| Input (c) | Output (d) |
|-----------|------------|
| 32 | 45 |
| 43 | 56 |
| 40 | 53 |
| 13 | 26 |
| 36 | 49 |

Add 13

4)

| Input (n) | Output (s) |
|-----------|------------|
| 53 | 45 |
| 23 | 15 |
| 28 | 20 |
| 46 | 38 |
| 43 | 35 |

Subtract 8

5)

| Input (i) | Output (g) |
|-----------|------------|
| 49 | 61 |
| 25 | 37 |
| 22 | 34 |
| 28 | 40 |
| 30 | 42 |

Add 12

6)

| Input (a) | Output (h) |
|-----------|------------|
| 23 | 12 |
| 37 | 26 |
| 31 | 20 |
| 60 | 49 |
| 40 | 29 |

Subtract 11

7)

| In (t) | 50 | 48 | 23 | 22 |
|---------|----|----|----|----|
| Out (n) | 61 | 59 | 34 | 33 |

Add 11

8)

| In (q) | 24 | 50 | 36 | 55 |
|---------|----|----|----|----|
| Out (n) | 19 | 45 | 31 | 50 |

Subtract 5

9)

| In (w) | 12 | 20 | 50 | 40 |
|---------|----|----|----|----|
| Out (i) | 27 | 35 | 65 | 55 |

Add 15

10)

| In (j) | 29 | 27 | 38 | 46 |
|---------|----|----|----|----|
| Out (y) | 24 | 22 | 33 | 41 |

Subtract 5

11)

| In (m) | 12 | 22 | 48 | 38 |
|---------|----|----|----|----|
| Out (z) | 27 | 37 | 63 | 53 |

Add 15

12)

| In (t) | 38 | 30 | 24 | 11 |
|---------|----|----|----|----|
| Out (q) | 51 | 43 | 37 | 24 |

Add 13

Answers

1. Subtract 6

2. Subtract 11

3. Add 13

4. Subtract 8

5. Add 12

6. Subtract 11

7. Add 11

8. Subtract 5

9. Add 15

10. Subtract 5

11. Add 15

12. Add 13



Determine what rule the function machine is using.

Answers

| | | | |
|-------------|-------------|------------|------------|
| Add 15 | Subtract 6 | Subtract 8 | Add 11 |
| Subtract 11 | Subtract 11 | Add 12 | Subtract 5 |
| Add 13 | | | |

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

1)

| Input (p) | Output (c) |
|-----------|------------|
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| 22 | 16 |
| 52 | 46 |
| 49 | 43 |
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2)

| Input (j) | Output (i) |
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| 51 | 40 |
| 23 | 12 |
| 52 | 41 |
| 37 | 26 |
| 21 | 10 |

3)

| Input (c) | Output (d) |
|-----------|------------|
| 32 | 45 |
| 43 | 56 |
| 40 | 53 |
| 13 | 26 |
| 36 | 49 |

4)

| Input (n) | Output (s) |
|-----------|------------|
| 53 | 45 |
| 23 | 15 |
| 28 | 20 |
| 46 | 38 |
| 43 | 35 |

5)

| Input (i) | Output (g) |
|-----------|------------|
| 49 | 61 |
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| 22 | 34 |
| 28 | 40 |
| 30 | 42 |

6)

| Input (a) | Output (h) |
|-----------|------------|
| 23 | 12 |
| 37 | 26 |
| 31 | 20 |
| 60 | 49 |
| 40 | 29 |

7)

| In (t) | 50 | 48 | 23 | 22 |
|---------|----|----|----|----|
| Out (n) | 61 | 59 | 34 | 33 |

8)

| In (q) | 24 | 50 | 36 | 55 |
|---------|----|----|----|----|
| Out (n) | 19 | 45 | 31 | 50 |

9)

| In (w) | 12 | 20 | 50 | 40 |
|---------|----|----|----|----|
| Out (i) | 27 | 35 | 65 | 55 |