



Determine what rule the function machine is using.

Answers

1)

| Input | Output |
|-------|--------|
| 50 | 38 |
| 33 | 21 |
| 49 | 37 |
| 28 | 16 |
| 32 | 20 |

- A. add 21
- B. add 23
- C. subtract 19
- D. subtract 12

2)

| Input | Output |
|-------|--------|
| 41 | 34 |
| 26 | 19 |
| 27 | 20 |
| 49 | 42 |
| 50 | 43 |

- A. subtract 7
- B. add 37
- C. subtract 38
- D. add 31

3)

| Input | Output |
|-------|--------|
| 16 | 29 |
| 45 | 58 |
| 23 | 36 |
| 17 | 30 |
| 26 | 39 |

- A. subtract 21
- B. subtract 18
- C. add 18
- D. add 13

4)

| Input | Output |
|-------|--------|
| 17 | 23 |
| 37 | 43 |
| 45 | 51 |
| 16 | 22 |
| 18 | 24 |

- A. subtract 7
- B. add 6
- C. subtract 3
- D. subtract 8

5)

| Input | Output |
|-------|--------|
| 46 | 33 |
| 55 | 42 |
| 43 | 30 |
| 53 | 40 |
| 62 | 49 |

- A. add 36
- B. subtract 13
- C. subtract 38
- D. add 41

6)

| Input | Output |
|-------|--------|
| 25 | 18 |
| 26 | 19 |
| 17 | 10 |
| 50 | 43 |
| 23 | 16 |

- A. subtract 15
- B. add 8
- C. subtract 7
- D. add 14

7)

| Input | Output |
|-------|--------|
| 30 | 40 |
| 48 | 58 |
| 36 | 46 |
| 44 | 54 |
| 18 | 28 |

- A. add 10
- B. subtract 12
- C. add 14
- D. subtract 15

8)

| Input | Output |
|-------|--------|
| 41 | 48 |
| 25 | 32 |
| 23 | 30 |
| 37 | 44 |
| 22 | 29 |

- A. add 25
- B. subtract 22
- C. add 7
- D. add 26

9)

| Input | Output |
|-------|--------|
| 60 | 45 |
| 28 | 13 |
| 30 | 15 |
| 65 | 50 |
| 56 | 41 |

- A. add 10
- B. add 13
- C. subtract 15
- D. subtract 6

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



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- D. subtract 6

Answers

- 1. **D**
- 2. **A**
- 3. **D**
- 4. **B**
- 5. **B**
- 6. **C**
- 7. **A**
- 8. **C**
- 9. **C**