Function Machines - Creating Equations

Name:

Write an equation to show the relationship between the input and the output.

Write an equation to show the relationship between the input and the output.

1)

Input (x)	Output (y)
70	73
66	69
19	22
97	100
79	82

2)

Input (b)	Output (c)
71	80
37	46
29	38
15	24
72	81

3)

Input (w)	Output (x)
24	15
108	99
11	2
14	5
19	10

4)

Input (i)	Output (j)
79	92
97	110
19	32
29	42
83	96

5)

Input (d)	Output (e)
3	18
6	36
10	60
5	30
7	42

6)

Input (c)	Output (d)
8	16
4	8
9	18
10	20
2	4

7)

In (w)	50	90	20	30
Out (x)	5	9	2	3

8)

In (x)	10	8	6	2
Out (y)	40	32	24	8

9)

In (q)	4	45	51	82
Out (r)	5	46	52	83

10)

In (t)	24	50	53	25
Out (u)	5	31	34	6

11)

In (w)	32	16	24	48
Out (x)	4	2	3	6

12)

In (i)	58	99	101	63
Out (j)	41	82	84	46

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

Math

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5oa3

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Name: **Answer Key**

Write an equation to show the relationship between the input and the output.

Answers

1)

Input (x)	Output (y)
70	73
66	69
19	22
97	100
79	82

x + 3 = y

2)

Input (b)	Output (c)
71	80
37	46
29	38
15	24
72	81

b + 9 = c

3)

Input (w)	Output (x)
24	15
108	99
11	2
14	5
19	10

w - 9 = x

4)

Input (i)	Output (j)
79	92
97	110
19	32
29	42
83	96

i + 13 = j

5)

Input (d)	Output (e)
3	18
6	36
10	60
5	30
7	42

d × 6 = e

6)

Input (c)	Output (d)
8	16
4	8
9	18
10	20
2	4

c × 2 = d

7)

In (w)	50	90	20	30
Out (x)	5	9	2	3

w ÷ 10 = x

8)

In (x)	10	8	6	2
Out (y)	40	32	24	8

x × 4 = y

9)

In (q)	4	45	51	82
Out (r)	5	46	52	83

q + 1 = r

10)

In (t)	24	50	53	25
Out (u)	5	31	34	6

t - 19 = u

11)

In (w)	32	16	24	48
Out (x)	4	2	3	6

w ÷ 8 = x

12)

In (i)	58	99	101	63
Out (j)	41	82	84	46

i - 17 = j

Answers

1. $x + 3 = y$
2. $b + 9 = c$
3. $w - 9 = x$
4. $i + 13 = j$
5. $d \times 6 = e$
6. $c \times 2 = d$
7. $w \div 10 = x$
8. $x \times 4 = y$
9. $q + 1 = r$
10. $t - 19 = u$
11. $w \div 8 = x$
12. $i - 17 = j$

Math

5oa3

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								