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

1)

Input (u)	Output (v)
10	80
6	48
8	64
2	16
7	56

2)

Input (w)	Output (x)
4	16
2	8
3	12
10	40
8	32

3)

Input (j)	Output (k)
74	87
96	109
6	19
33	46
91	104

4)

Input (w)	Output (x)
40	4
50	5
20	2
100	10
70	7

5)

Input (a)	Output (b)
71	51
100	80
77	57
55	35
108	88

6)

Input (q)	Output (r)
10	2
25	5
40	8
30	6
20	4

7)

In (t)	3	10	7	6
Out (u)	9	30	21	18

8)

In (p)	81	19	8	91
Out (q)	93	31	20	103

9)

In (u)	21	98	103	84
Out (v)	4	81	86	67

10)

In (j)	28	16	11	23
Out (k)	37	25	20	32

11)

In (j)	18	54	45	36
Out (k)	2	6	5	4

12)

In (i)	35	63	42	21
Out (j)	5	9	6	3

Answers

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

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

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

1)

Input (u)	Output (v)
10	80
6	48
8	64
2	16
7	56

u × 8 = v

2)

Input (w)	Output (x)
4	16
2	8
3	12
10	40
8	32

w × 4 = x

3)

Input (j)	Output (k)
74	87
96	109
6	19
33	46
91	104

j + 13 = k

4)

Input (w)	Output (x)
40	4
50	5
20	2
100	10
70	7

w ÷ 10 = x

5)

Input (a)	Output (b)
71	51
100	80
77	57
55	35
108	88

a - 20 = b

6)

Input (q)	Output (r)
10	2
25	5
40	8
30	6
20	4

q ÷ 5 = r

7)

In (t)	3	10	7	6
Out (u)	9	30	21	18

t × 3 = u

8)

In (p)	81	19	8	91
Out (q)	93	31	20	103

p + 12 = q

9)

In (u)	21	98	103	84
Out (v)	4	81	86	67

u - 17 = v

10)

In (j)	28	16	11	23
Out (k)	37	25	20	32

j + 9 = k

11)

In (j)	18	54	45	36
Out (k)	2	6	5	4

j ÷ 9 = k

12)

In (i)	35	63	42	21
Out (j)	5	9	6	3

i ÷ 7 = j

Answers

1. u × 8 = v
2. w × 4 = x
3. j + 13 = k
4. w ÷ 10 = x
5. a - 20 = b
6. q ÷ 5 = r
7. t × 3 = u
8. p + 12 = q
9. u - 17 = v
10. j + 9 = k
11. j ÷ 9 = k
12. i ÷ 7 = j

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