



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

1)

Input (a)	Output (k)
10	100
2	20
8	80
5	50
3	30

2)

Input (v)	Output (n)
90	9
50	5
40	4
20	2
60	6

3)

Input (j)	Output (a)
16	8
12	6
8	4
18	9
4	2

4)

Input (c)	Output (z)
19	8
21	10
13	2
18	7
16	5

5)

Input (f)	Output (r)
4	12
3	9
7	21
5	15
6	18

6)

Input (t)	Output (h)
22	3
21	2
28	9
27	8
23	4

7)

In (u)	24	8	36	12
Out (w)	6	2	9	3

8)

In (j)	4	10	8	7
Out (u)	3	9	7	6

9)

In (y)	9	8	10	6
Out (t)	14	13	15	11

10)

In (r)	6	8	7	5
Out (y)	24	26	25	23

11)

In (z)	6	10	9	5
Out (w)	9	13	12	8

12)

In (y)	3	2	4	8
Out (z)	9	6	12	24

Answers

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



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

1)

Input (a)	Output (k)
10	100
2	20
8	80
5	50
3	30

$a \times 10 = k$

2)

Input (v)	Output (n)
90	9
50	5
40	4
20	2
60	6

$v \div 10 = n$

3)

Input (j)	Output (a)
16	8
12	6
8	4
18	9
4	2

$j \div 2 = a$

4)

Input (c)	Output (z)
19	8
21	10
13	2
18	7
16	5

$c - 11 = z$

5)

Input (f)	Output (r)
4	12
3	9
7	21
5	15
6	18

$f \times 3 = r$

6)

Input (t)	Output (h)
22	3
21	2
28	9
27	8
23	4

$t - 19 = h$

7)

In (u)	24	8	36	12
Out (w)	6	2	9	3

$u \div 4 = w$

8)

In (j)	4	10	8	7
Out (u)	3	9	7	6

$j - 1 = u$

9)

In (y)	9	8	10	6
Out (t)	14	13	15	11

$y + 5 = t$

10)

In (r)	6	8	7	5
Out (y)	24	26	25	23

$r + 18 = y$

11)

In (z)	6	10	9	5
Out (w)	9	13	12	8

$z + 3 = w$

12)

In (y)	3	2	4	8
Out (z)	9	6	12	24

$y \times 3 = z$

Answers

1.  $a \times 10 = k$

2.  $v \div 10 = n$

3.  $j \div 2 = a$

4.  $c - 11 = z$

5.  $f \times 3 = r$

6.  $t - 19 = h$

7.  $u \div 4 = w$

8.  $j - 1 = u$

9.  $y + 5 = t$

10.  $r + 18 = y$

11.  $z + 3 = w$

12.  $y \times 3 = z$



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4)

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In (y)	3	2	4	8
Out (z)	9	6	12	24

Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
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7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_