



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

1)

Input (p)	Output (y)
9	23
10	24
8	22
7	21
4	18

2)

Input (n)	Output (b)
26	8
25	7
24	6
22	4
20	2

3)

Input (m)	Output (i)
10	70
5	35
2	14
8	56
3	21

4)

Input (t)	Output (r)
3	21
7	49
10	70
6	42
9	63

5)

Input (i)	Output (a)
13	8
14	9
7	2
8	3
9	4

6)

Input (b)	Output (h)
40	10
24	6
8	2
12	3
20	5

7)

In (u)	27	45	18	72
Out (i)	3	5	2	8

8)

In (w)	23	21	19	17
Out (b)	9	7	5	3

9)

In (i)	10	9	4	5
Out (y)	20	19	14	15

10)

In (v)	10	9	3	5
Out (p)	80	72	24	40

11)

In (t)	4	9	2	6
Out (a)	14	19	12	16

12)

In (g)	10	9	12	4
Out (r)	8	7	10	2

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 (p)	Output (y)
9	23
10	24
8	22
7	21
4	18

$p + 14 = y$

2)

Input (n)	Output (b)
26	8
25	7
24	6
22	4
20	2

$n - 18 = b$

3)

Input (m)	Output (i)
10	70
5	35
2	14
8	56
3	21

$m \times 7 = i$

4)

Input (t)	Output (r)
3	21
7	49
10	70
6	42
9	63

$t \times 7 = r$

5)

Input (i)	Output (a)
13	8
14	9
7	2
8	3
9	4

$i - 5 = a$

6)

Input (b)	Output (h)
40	10
24	6
8	2
12	3
20	5

$b \div 4 = h$

7)

In (u)	27	45	18	72
Out (i)	3	5	2	8

$u \div 9 = i$

8)

In (w)	23	21	19	17
Out (b)	9	7	5	3

$w - 14 = b$

9)

In (i)	10	9	4	5
Out (y)	20	19	14	15

$i + 10 = y$

10)

In (v)	10	9	3	5
Out (p)	80	72	24	40

$v \times 8 = p$

11)

In (t)	4	9	2	6
Out (a)	14	19	12	16

$t + 10 = a$

12)

In (g)	10	9	12	4
Out (r)	8	7	10	2

$g - 2 = r$

Answers

1.  $p + 14 = y$

2.  $n - 18 = b$

3.  $m \times 7 = i$

4.  $t \times 7 = r$

5.  $i - 5 = a$

6.  $b \div 4 = h$

7.  $u \div 9 = i$

8.  $w - 14 = b$

9.  $i + 10 = y$

10.  $v \times 8 = p$

11.  $t + 10 = a$

12.  $g - 2 = r$



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

Answers

1)

Input (p)	Output (y)
9	23
10	24
8	22
7	21
4	18

2)

Input (n)	Output (b)
26	8
25	7
24	6
22	4
20	2

3)

Input (m)	Output (i)
10	70
5	35
2	14
8	56
3	21

4)

Input (t)	Output (r)
3	21
7	49
10	70
6	42
9	63

5)

Input (i)	Output (a)
13	8
14	9
7	2
8	3
9	4

6)

Input (b)	Output (h)
40	10
24	6
8	2
12	3
20	5

7)

In (u)	27	45	18	72
Out (i)	3	5	2	8

8)

In (w)	23	21	19	17
Out (b)	9	7	5	3

9)

In (i)	10	9	4	5
Out (y)	20	19	14	15

10)

In (v)	10	9	3	5
Out (p)	80	72	24	40

11)

In (t)	4	9	2	6
Out (a)	14	19	12	16

12)

In (g)	10	9	12	4
Out (r)	8	7	10	2

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 (p)
6	9
8	11
5	8
7	10
9	12

2)

Input (n)	Output (t)
4	28
2	14
8	56
9	63
7	49

3)

Input (h)	Output (j)
10	9
4	3
11	10
5	4
6	5

4)

Input (w)	Output (m)
20	4
50	10
10	2
30	6
35	7

5)

Input (b)	Output (d)
12	4
18	6
9	3
24	8
27	9

6)

Input (u)	Output (d)
12	5
10	3
16	9
17	10
15	8

7)

In (e)	8	2	4	9
Out (u)	64	16	32	72

8)

In (d)	5	6	8	7
Out (w)	50	60	80	70

9)

In (v)	5	8	10	9
Out (m)	12	15	17	16

10)

In (u)	18	14	20	16
Out (v)	9	7	10	8

11)

In (m)	10	9	7	4
Out (k)	25	24	22	19

12)

In (a)	30	12	18	60
Out (d)	5	2	3	10

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 (p)
6	9
8	11
5	8
7	10
9	12

$a + 3 = p$

2)

Input (n)	Output (t)
4	28
2	14
8	56
9	63
7	49

$n \times 7 = t$

3)

Input (h)	Output (j)
10	9
4	3
11	10
5	4
6	5

$h - 1 = j$

4)

Input (w)	Output (m)
20	4
50	10
10	2
30	6
35	7

$w \div 5 = m$

5)

Input (b)	Output (d)
12	4
18	6
9	3
24	8
27	9

$b \div 3 = d$

6)

Input (u)	Output (d)
12	5
10	3
16	9
17	10
15	8

$u - 7 = d$

7)

In (e)	8	2	4	9
Out (u)	64	16	32	72

$e \times 8 = u$

8)

In (d)	5	6	8	7
Out (w)	50	60	80	70

$d \times 10 = w$

9)

In (v)	5	8	10	9
Out (m)	12	15	17	16

$v + 7 = m$

10)

In (u)	18	14	20	16
Out (v)	9	7	10	8

$u \div 2 = v$

11)

In (m)	10	9	7	4
Out (k)	25	24	22	19

$m + 15 = k$

12)

In (a)	30	12	18	60
Out (d)	5	2	3	10

$a \div 6 = d$

Answers

1.  $a + 3 = p$

2.  $n \times 7 = t$

3.  $h - 1 = j$

4.  $w \div 5 = m$

5.  $b \div 3 = d$

6.  $u - 7 = d$

7.  $e \times 8 = u$

8.  $d \times 10 = w$

9.  $v + 7 = m$

10.  $u \div 2 = v$

11.  $m + 15 = k$

12.  $a \div 6 = d$



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

1)

Input (a)	Output (p)
6	9
8	11
5	8
7	10
9	12

2)

Input (n)	Output (t)
4	28
2	14
8	56
9	63
7	49

3)

Input (h)	Output (j)
10	9
4	3
11	10
5	4
6	5

4)

Input (w)	Output (m)
20	4
50	10
10	2
30	6
35	7

5)

Input (b)	Output (d)
12	4
18	6
9	3
24	8
27	9

6)

Input (u)	Output (d)
12	5
10	3
16	9
17	10
15	8

7)

In (e)	8	2	4	9
Out (u)	64	16	32	72

8)

In (d)	5	6	8	7
Out (w)	50	60	80	70

9)

In (v)	5	8	10	9
Out (m)	12	15	17	16

10)

In (u)	18	14	20	16
Out (v)	9	7	10	8

11)

In (m)	10	9	7	4
Out (k)	25	24	22	19

12)

In (a)	30	12	18	60
Out (d)	5	2	3	10

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 (t)	Output (i)
24	4
30	10
26	6
28	8
23	3

2)

Input (h)	Output (z)
9	36
7	28
8	32
6	24
10	40

3)

Input (g)	Output (z)
15	4
18	7
17	6
14	3
19	8

4)

Input (p)	Output (g)
18	6
27	9
12	4
15	5
9	3

5)

Input (d)	Output (g)
5	7
4	6
10	12
2	4
6	8

6)

Input (k)	Output (a)
5	19
10	24
9	23
7	21
8	22

7)

In (a)	6	9	7	10
Out (u)	12	15	13	16

8)

In (j)	13	18	19	15
Out (w)	3	8	9	5

9)

In (i)	2	10	7	5
Out (t)	10	50	35	25

10)

In (e)	54	72	45	27
Out (c)	6	8	5	3

11)

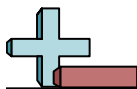
In (y)	12	16	15	13
Out (p)	3	7	6	4

12)

In (w)	10	20	14	6
Out (i)	5	10	7	3

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 (t)	Output (i)
24	4
30	10
26	6
28	8
23	3

$t - 20 = i$

2)

Input (h)	Output (z)
9	36
7	28
8	32
6	24
10	40

$h \times 4 = z$

3)

Input (g)	Output (z)
15	4
18	7
17	6
14	3
19	8

$g - 11 = z$

4)

Input (p)	Output (g)
18	6
27	9
12	4
15	5
9	3

$p \div 3 = g$

5)

Input (d)	Output (g)
5	7
4	6
10	12
2	4
6	8

$d + 2 = g$

6)

Input (k)	Output (a)
5	19
10	24
9	23
7	21
8	22

$k + 14 = a$

7)

In (a)	6	9	7	10
Out (u)	12	15	13	16

$a + 6 = u$

8)

In (j)	13	18	19	15
Out (w)	3	8	9	5

$j - 10 = w$

9)

In (i)	2	10	7	5
Out (t)	10	50	35	25

$i \times 5 = t$

10)

In (e)	54	72	45	27
Out (c)	6	8	5	3

$e \div 9 = c$

11)

In (y)	12	16	15	13
Out (p)	3	7	6	4

$y - 9 = p$

12)

In (w)	10	20	14	6
Out (i)	5	10	7	3

$w \div 2 = i$

Answers

1.  $t - 20 = i$

2.  $h \times 4 = z$

3.  $g - 11 = z$

4.  $p \div 3 = g$

5.  $d + 2 = g$

6.  $k + 14 = a$

7.  $a + 6 = u$

8.  $j - 10 = w$

9.  $i \times 5 = t$

10.  $e \div 9 = c$

11.  $y - 9 = p$

12.  $w \div 2 = i$





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

Answers

1)

Input (t)	Output (i)
24	4
30	10
26	6
28	8
23	3

2)

Input (h)	Output (z)
9	36
7	28
8	32
6	24
10	40

3)

Input (g)	Output (z)
15	4
18	7
17	6
14	3
19	8

4)

Input (p)	Output (g)
18	6
27	9
12	4
15	5
9	3

5)

Input (d)	Output (g)
5	7
4	6
10	12
2	4
6	8

6)

Input (k)	Output (a)
5	19
10	24
9	23
7	21
8	22

7)

In (a)	6	9	7	10
Out (u)	12	15	13	16

8)

In (j)	13	18	19	15
Out (w)	3	8	9	5

9)

In (i)	2	10	7	5
Out (t)	10	50	35	25

10)

In (e)	54	72	45	27
Out (c)	6	8	5	3

11)

In (y)	12	16	15	13
Out (p)	3	7	6	4

12)

In (w)	10	20	14	6
Out (i)	5	10	7	3

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.

Answers

1)

Input (y)	Output (f)
14	7
18	9
10	5
20	10
4	2

2)

Input (u)	Output (n)
4	16
9	36
8	32
7	28
2	8

3)

Input (r)	Output (p)
10	60
2	12
4	24
3	18
6	36

4)

Input (f)	Output (w)
24	8
30	10
12	4
21	7
9	3

5)

Input (f)	Output (m)
2	16
7	21
4	18
10	24
3	17

6)

Input (h)	Output (i)
27	7
28	8
25	5
29	9
30	10

7)

In (e)	56	24	16	80
Out (t)	7	3	2	10

8)

In (e)	8	4	9	7
Out (v)	7	3	8	6

9)

In (v)	3	4	5	2
Out (b)	23	24	25	22

10)

In (b)	4	3	10	8
Out (i)	20	15	50	40

11)

In (b)	12	11	14	13
Out (y)	6	5	8	7

12)

In (z)	90	63	45	27
Out (m)	10	7	5	3

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 (y)	Output (f)
14	7
18	9
10	5
20	10
4	2

$y \div 2 = f$

2)

Input (u)	Output (n)
4	16
9	36
8	32
7	28
2	8

$u \times 4 = n$

3)

Input (r)	Output (p)
10	60
2	12
4	24
3	18
6	36

$r \times 6 = p$

4)

Input (f)	Output (w)
24	8
30	10
12	4
21	7
9	3

$f \div 3 = w$

5)

Input (f)	Output (m)
2	16
7	21
4	18
10	24
3	17

$f + 14 = m$

6)

Input (h)	Output (i)
27	7
28	8
25	5
29	9
30	10

$h - 20 = i$

7)

In (e)	56	24	16	80
Out (t)	7	3	2	10

$e \div 8 = t$

8)

In (e)	8	4	9	7
Out (v)	7	3	8	6

$e - 1 = v$

9)

In (v)	3	4	5	2
Out (b)	23	24	25	22

$v + 20 = b$

10)

In (b)	4	3	10	8
Out (i)	20	15	50	40

$b \times 5 = i$

11)

In (b)	12	11	14	13
Out (y)	6	5	8	7

$b - 6 = y$

12)

In (z)	90	63	45	27
Out (m)	10	7	5	3

$z \div 9 = m$

Answers

1.  $y \div 2 = f$

2.  $u \times 4 = n$

3.  $r \times 6 = p$

4.  $f \div 3 = w$

5.  $f + 14 = m$

6.  $h - 20 = i$

7.  $e \div 8 = t$

8.  $e - 1 = v$

9.  $v + 20 = b$

10.  $b \times 5 = i$

11.  $b - 6 = y$

12.  $z \div 9 = m$



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

Answers

1)

Input (y)	Output (f)
14	7
18	9
10	5
20	10
4	2

2)

Input (u)	Output (n)
4	16
9	36
8	32
7	28
2	8

3)

Input (r)	Output (p)
10	60
2	12
4	24
3	18
6	36

4)

Input (f)	Output (w)
24	8
30	10
12	4
21	7
9	3

5)

Input (f)	Output (m)
2	16
7	21
4	18
10	24
3	17

6)

Input (h)	Output (i)
27	7
28	8
25	5
29	9
30	10

7)

In (e)	56	24	16	80
Out (t)	7	3	2	10

8)

In (e)	8	4	9	7
Out (v)	7	3	8	6

9)

In (v)	3	4	5	2
Out (b)	23	24	25	22

10)

In (b)	4	3	10	8
Out (i)	20	15	50	40

11)

In (b)	12	11	14	13
Out (y)	6	5	8	7

12)

In (z)	90	63	45	27
Out (m)	10	7	5	3

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.

Answers

1)

Input (a)	Output (j)
3	15
7	19
5	17
8	20
6	18

2)

Input (d)	Output (m)
22	10
14	2
21	9
19	7
20	8

3)

Input (t)	Output (e)
24	6
23	5
25	7
27	9
22	4

4)

Input (b)	Output (h)
54	9
24	4
18	3
30	5
12	2

5)

Input (h)	Output (a)
64	8
56	7
48	6
80	10
32	4

6)

Input (a)	Output (c)
28	4
21	3
70	10
63	9
42	6

7)

In (n)	9	3	5	7
Out (a)	18	6	10	14

8)

In (e)	6	4	8	7
Out (u)	13	11	15	14

9)

In (r)	60	42	36	24
Out (c)	10	7	6	4

10)

In (t)	23	29	28	27
Out (n)	3	9	8	7

11)

In (c)	10	4	9	8
Out (g)	18	12	17	16

12)

In (u)	9	2	8	6
Out (i)	45	10	40	30

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 (j)
3	15
7	19
5	17
8	20
6	18

$a + 12 = j$

2)

Input (d)	Output (m)
22	10
14	2
21	9
19	7
20	8

$d - 12 = m$

3)

Input (t)	Output (e)
24	6
23	5
25	7
27	9
22	4

$t - 18 = e$

4)

Input (b)	Output (h)
54	9
24	4
18	3
30	5
12	2

$b \div 6 = h$

5)

Input (h)	Output (a)
64	8
56	7
48	6
80	10
32	4

$h \div 8 = a$

6)

Input (a)	Output (c)
28	4
21	3
70	10
63	9
42	6

$a \div 7 = c$

7)

In (n)	9	3	5	7
Out (a)	18	6	10	14

$n \times 2 = a$

8)

In (e)	6	4	8	7
Out (u)	13	11	15	14

$e + 7 = u$

9)

In (r)	60	42	36	24
Out (c)	10	7	6	4

$r \div 6 = c$

10)

In (t)	23	29	28	27
Out (n)	3	9	8	7

$t - 20 = n$

11)

In (c)	10	4	9	8
Out (g)	18	12	17	16

$c + 8 = g$

12)

In (u)	9	2	8	6
Out (i)	45	10	40	30

$u \times 5 = i$

Answers

1.  $a + 12 = j$

2.  $d - 12 = m$

3.  $t - 18 = e$

4.  $b \div 6 = h$

5.  $h \div 8 = a$

6.  $a \div 7 = c$

7.  $n \times 2 = a$

8.  $e + 7 = u$

9.  $r \div 6 = c$

10.  $t - 20 = n$

11.  $c + 8 = g$

12.  $u \times 5 = i$



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

Answers

1)

Input (a)	Output (j)
3	15
7	19
5	17
8	20
6	18

2)

Input (d)	Output (m)
22	10
14	2
21	9
19	7
20	8

3)

Input (t)	Output (e)
24	6
23	5
25	7
27	9
22	4

4)

Input (b)	Output (h)
54	9
24	4
18	3
30	5
12	2

5)

Input (h)	Output (a)
64	8
56	7
48	6
80	10
32	4

6)

Input (a)	Output (c)
28	4
21	3
70	10
63	9
42	6

7)

In (n)	9	3	5	7
Out (a)	18	6	10	14

8)

In (e)	6	4	8	7
Out (u)	13	11	15	14

9)

In (r)	60	42	36	24
Out (c)	10	7	6	4

10)

In (t)	23	29	28	27
Out (n)	3	9	8	7

11)

In (c)	10	4	9	8
Out (g)	18	12	17	16

12)

In (u)	9	2	8	6
Out (i)	45	10	40	30

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.

Answers

1)

Input (z)	Output (b)
2	12
6	36
3	18
8	48
4	24

2)

Input (b)	Output (g)
8	26
2	20
10	28
6	24
7	25

3)

Input (e)	Output (d)
9	18
7	16
8	17
2	11
6	15

4)

Input (d)	Output (p)
2	20
4	40
6	60
8	80
5	50

5)

Input (d)	Output (f)
7	27
8	28
3	23
10	30
4	24

6)

Input (j)	Output (h)
22	9
16	3
21	8
23	10
18	5

7)

In (f)	5	2	9	3
Out (v)	40	16	72	24

8)

In (b)	36	27	54	18
Out (v)	4	3	6	2

9)

In (t)	16	14	12	9
Out (a)	9	7	5	2

10)

In (h)	15	18	21	6
Out (u)	5	6	7	2

11)

In (b)	3	9	7	6
Out (v)	14	20	18	17

12)

In (b)	8	13	14	7
Out (i)	3	8	9	2

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 (z)	Output (b)
2	12
6	36
3	18
8	48
4	24

$z \times 6 = b$

2)

Input (b)	Output (g)
8	26
2	20
10	28
6	24
7	25

$b + 18 = g$

3)

Input (e)	Output (d)
9	18
7	16
8	17
2	11
6	15

$e + 9 = d$

4)

Input (d)	Output (p)
2	20
4	40
6	60
8	80
5	50

$d \times 10 = p$

5)

Input (d)	Output (f)
7	27
8	28
3	23
10	30
4	24

$d + 20 = f$

6)

Input (j)	Output (h)
22	9
16	3
21	8
23	10
18	5

$j - 13 = h$

7)

In (f)	5	2	9	3
Out (v)	40	16	72	24

$f \times 8 = v$

8)

In (b)	36	27	54	18
Out (v)	4	3	6	2

$b \div 9 = v$

9)

In (t)	16	14	12	9
Out (a)	9	7	5	2

$t - 7 = a$

10)

In (h)	15	18	21	6
Out (u)	5	6	7	2

$h \div 3 = u$

11)

In (b)	3	9	7	6
Out (v)	14	20	18	17

$b + 11 = v$

12)

In (b)	8	13	14	7
Out (i)	3	8	9	2

$b - 5 = i$

Answers

1.  $z \times 6 = b$

2.  $b + 18 = g$

3.  $e + 9 = d$

4.  $d \times 10 = p$

5.  $d + 20 = f$

6.  $j - 13 = h$

7.  $f \times 8 = v$

8.  $b \div 9 = v$

9.  $t - 7 = a$

10.  $h \div 3 = u$

11.  $b + 11 = v$

12.  $b - 5 = i$



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

1)

Input (z)	Output (b)
2	12
6	36
3	18
8	48
4	24

2)

Input (b)	Output (g)
8	26
2	20
10	28
6	24
7	25

3)

Input (e)	Output (d)
9	18
7	16
8	17
2	11
6	15

4)

Input (d)	Output (p)
2	20
4	40
6	60
8	80
5	50

5)

Input (d)	Output (f)
7	27
8	28
3	23
10	30
4	24

6)

Input (j)	Output (h)
22	9
16	3
21	8
23	10
18	5

7)

In (f)	5	2	9	3
Out (v)	40	16	72	24

8)

In (b)	36	27	54	18
Out (v)	4	3	6	2

9)

In (t)	16	14	12	9
Out (a)	9	7	5	2

10)

In (h)	15	18	21	6
Out (u)	5	6	7	2

11)

In (b)	3	9	7	6
Out (v)	14	20	18	17

12)

In (b)	8	13	14	7
Out (i)	3	8	9	2

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 (v)	Output (z)
22	7
20	5
24	9
18	3
19	4

2)

Input (k)	Output (r)
27	3
72	8
63	7
54	6
81	9

3)

Input (w)	Output (e)
2	7
8	13
5	10
6	11
4	9

4)

Input (e)	Output (z)
17	6
18	7
15	4
16	5
21	10

5)

Input (t)	Output (w)
23	3
29	9
30	10
26	6
25	5

6)

Input (w)	Output (d)
2	16
3	24
9	72
5	40
4	32

7)

In (d)	24	36	54	18
Out (u)	4	6	9	3

8)

In (a)	8	6	5	7
Out (d)	7	5	4	6

9)

In (r)	8	18	6	16
Out (f)	4	9	3	8

10)

In (v)	7	2	9	8
Out (r)	49	14	63	56

11)

In (z)	9	2	3	8
Out (n)	45	10	15	40

12)

In (z)	9	6	4	8
Out (g)	15	12	10	14

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 (v)	Output (z)
22	7
20	5
24	9
18	3
19	4

$v - 15 = z$

2)

Input (k)	Output (r)
27	3
72	8
63	7
54	6
81	9

$k \div 9 = r$

3)

Input (w)	Output (e)
2	7
8	13
5	10
6	11
4	9

$w + 5 = e$

4)

Input (e)	Output (z)
17	6
18	7
15	4
16	5
21	10

$e - 11 = z$

5)

Input (t)	Output (w)
23	3
29	9
30	10
26	6
25	5

$t - 20 = w$

6)

Input (w)	Output (d)
2	16
3	24
9	72
5	40
4	32

$w \times 8 = d$

7)

In (d)	24	36	54	18
Out (u)	4	6	9	3

$d \div 6 = u$

8)

In (a)	8	6	5	7
Out (d)	7	5	4	6

$a - 1 = d$

9)

In (r)	8	18	6	16
Out (f)	4	9	3	8

$r \div 2 = f$

10)

In (v)	7	2	9	8
Out (r)	49	14	63	56

$v \times 7 = r$

11)

In (z)	9	2	3	8
Out (n)	45	10	15	40

$z \times 5 = n$

12)

In (z)	9	6	4	8
Out (g)	15	12	10	14

$z + 6 = g$

Answers

1.  $v - 15 = z$

2.  $k \div 9 = r$

3.  $w + 5 = e$

4.  $e - 11 = z$

5.  $t - 20 = w$

6.  $w \times 8 = d$

7.  $d \div 6 = u$

8.  $a - 1 = d$

9.  $r \div 2 = f$

10.  $v \times 7 = r$

11.  $z \times 5 = n$

12.  $z + 6 = g$



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

Answers

1)

Input (v)	Output (z)
22	7
20	5
24	9
18	3
19	4

2)

Input (k)	Output (r)
27	3
72	8
63	7
54	6
81	9

3)

Input (w)	Output (e)
2	7
8	13
5	10
6	11
4	9

4)

Input (e)	Output (z)
17	6
18	7
15	4
16	5
21	10

5)

Input (t)	Output (w)
23	3
29	9
30	10
26	6
25	5

6)

Input (w)	Output (d)
2	16
3	24
9	72
5	40
4	32

7)

In (d)	24	36	54	18
Out (u)	4	6	9	3

8)

In (a)	8	6	5	7
Out (d)	7	5	4	6

9)

In (r)	8	18	6	16
Out (f)	4	9	3	8

10)

In (v)	7	2	9	8
Out (r)	49	14	63	56

11)

In (z)	9	2	3	8
Out (n)	45	10	15	40

12)

In (z)	9	6	4	8
Out (g)	15	12	10	14

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.

Answers

1)

Input (n)	Output (j)
60	10
24	4
48	8
18	3
36	6

2)

Input (n)	Output (p)
3	21
9	63
8	56
7	49
6	42

3)

Input (n)	Output (i)
5	25
6	30
7	35
8	40
4	20

4)

Input (m)	Output (f)
7	14
4	8
10	20
5	10
2	4

5)

Input (w)	Output (k)
5	15
4	12
2	6
6	18
9	27

6)

Input (b)	Output (w)
24	6
20	5
16	4
32	8
8	2

7)

In (c)	5	2	9	4
Out (e)	15	12	19	14

8)

In (b)	5	9	4	8
Out (i)	3	7	2	6

9)

In (d)	27	26	23	28
Out (m)	9	8	5	10

10)

In (r)	56	28	49	14
Out (f)	8	4	7	2

11)

In (w)	5	10	6	7
Out (z)	19	24	20	21

12)

In (i)	12	18	15	14
Out (h)	2	8	5	4

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 (n)	Output (j)
60	10
24	4
48	8
18	3
36	6

$n \div 6 = j$

2)

Input (n)	Output (p)
3	21
9	63
8	56
7	49
6	42

$n \times 7 = p$

3)

Input (n)	Output (i)
5	25
6	30
7	35
8	40
4	20

$n \times 5 = i$

4)

Input (m)	Output (f)
7	14
4	8
10	20
5	10
2	4

$m \times 2 = f$

5)

Input (w)	Output (k)
5	15
4	12
2	6
6	18
9	27

$w \times 3 = k$

6)

Input (b)	Output (w)
24	6
20	5
16	4
32	8
8	2

$b \div 4 = w$

7)

In (c)	5	2	9	4
Out (e)	15	12	19	14

$c + 10 = e$

8)

In (b)	5	9	4	8
Out (i)	3	7	2	6

$b - 2 = i$

9)

In (d)	27	26	23	28
Out (m)	9	8	5	10

$d - 18 = m$

10)

In (r)	56	28	49	14
Out (f)	8	4	7	2

$r \div 7 = f$

11)

In (w)	5	10	6	7
Out (z)	19	24	20	21

$w + 14 = z$

12)

In (i)	12	18	15	14
Out (h)	2	8	5	4

$i - 10 = h$

Answers

1.  $n \div 6 = j$

2.  $n \times 7 = p$

3.  $n \times 5 = i$

4.  $m \times 2 = f$

5.  $w \times 3 = k$

6.  $b \div 4 = w$

7.  $c + 10 = e$

8.  $b - 2 = i$

9.  $d - 18 = m$

10.  $r \div 7 = f$

11.  $w + 14 = z$

12.  $i - 10 = h$



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

Answers

1)

Input (n)	Output (j)
60	10
24	4
48	8
18	3
36	6

2)

Input (n)	Output (p)
3	21
9	63
8	56
7	49
6	42

3)

Input (n)	Output (i)
5	25
6	30
7	35
8	40
4	20

4)

Input (m)	Output (f)
7	14
4	8
10	20
5	10
2	4

5)

Input (w)	Output (k)
5	15
4	12
2	6
6	18
9	27

6)

Input (b)	Output (w)
24	6
20	5
16	4
32	8
8	2

7)

In (c)	5	2	9	4
Out (e)	15	12	19	14

8)

In (b)	5	9	4	8
Out (i)	3	7	2	6

9)

In (d)	27	26	23	28
Out (m)	9	8	5	10

10)

In (r)	56	28	49	14
Out (f)	8	4	7	2

11)

In (w)	5	10	6	7
Out (z)	19	24	20	21

12)

In (i)	12	18	15	14
Out (h)	2	8	5	4

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.

Answers

1)

Input (g)	Output (i)
4	32
6	48
7	56
3	24
2	16

2)

Input (d)	Output (m)
8	27
5	24
3	22
6	25
10	29

3)

Input (p)	Output (e)
7	13
10	16
2	8
3	9
9	15

4)

Input (v)	Output (j)
6	18
9	21
7	19
8	20
5	17

5)

Input (v)	Output (t)
80	8
20	2
30	3
70	7
100	10

6)

Input (u)	Output (e)
48	6
80	10
56	7
24	3
16	2

7)

In (t)	7	5	2	8
Out (k)	12	10	7	13

8)

In (i)	5	6	8	2
Out (t)	45	54	72	18

9)

In (e)	12	11	6	5
Out (r)	9	8	3	2

10)

In (m)	6	9	4	8
Out (w)	30	45	20	40

11)

In (n)	15	45	25	30
Out (k)	3	9	5	6

12)

In (e)	6	2	10	5
Out (v)	12	4	20	10

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 (g)	Output (i)
4	32
6	48
7	56
3	24
2	16

$g \times 8 = i$

2)

Input (d)	Output (m)
8	27
5	24
3	22
6	25
10	29

$d + 19 = m$

3)

Input (p)	Output (e)
7	13
10	16
2	8
3	9
9	15

$p + 6 = e$

4)

Input (v)	Output (j)
6	18
9	21
7	19
8	20
5	17

$v + 12 = j$

5)

Input (v)	Output (t)
80	8
20	2
30	3
70	7
100	10

$v \div 10 = t$

6)

Input (u)	Output (e)
48	6
80	10
56	7
24	3
16	2

$u \div 8 = e$

7)

In (t)	7	5	2	8
Out (k)	12	10	7	13

$t + 5 = k$

8)

In (i)	5	6	8	2
Out (t)	45	54	72	18

$i \times 9 = t$

9)

In (e)	12	11	6	5
Out (r)	9	8	3	2

$e - 3 = r$

10)

In (m)	6	9	4	8
Out (w)	30	45	20	40

$m \times 5 = w$

11)

In (n)	15	45	25	30
Out (k)	3	9	5	6

$n \div 5 = k$

12)

In (e)	6	2	10	5
Out (v)	12	4	20	10

$e \times 2 = v$

Answers

1.  $g \times 8 = i$

2.  $d + 19 = m$

3.  $p + 6 = e$

4.  $v + 12 = j$

5.  $v \div 10 = t$

6.  $u \div 8 = e$

7.  $t + 5 = k$

8.  $i \times 9 = t$

9.  $e - 3 = r$

10.  $m \times 5 = w$

11.  $n \div 5 = k$

12.  $e \times 2 = v$



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

Answers

1)

Input (g)	Output (i)
4	32
6	48
7	56
3	24
2	16

2)

Input (d)	Output (m)
8	27
5	24
3	22
6	25
10	29

3)

Input (p)	Output (e)
7	13
10	16
2	8
3	9
9	15

4)

Input (v)	Output (j)
6	18
9	21
7	19
8	20
5	17

5)

Input (v)	Output (t)
80	8
20	2
30	3
70	7
100	10

6)

Input (u)	Output (e)
48	6
80	10
56	7
24	3
16	2

7)

In (t)	7	5	2	8
Out (k)	12	10	7	13

8)

In (i)	5	6	8	2
Out (t)	45	54	72	18

9)

In (e)	12	11	6	5
Out (r)	9	8	3	2

10)

In (m)	6	9	4	8
Out (w)	30	45	20	40

11)

In (n)	15	45	25	30
Out (k)	3	9	5	6

12)

In (e)	6	2	10	5
Out (v)	12	4	20	10

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

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.  $y \times 3 = z$



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. \_\_\_\_\_