



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

1)

Input (p)	Output (c)
56	8
63	9
21	3
70	10
35	5

2)

Input (j)	Output (i)
2	14
7	49
10	70
8	56
9	63

3)

Input (c)	Output (d)
9	24
3	18
7	22
6	21
8	23

4)

Input (n)	Output (s)
4	6
5	7
8	10
2	4
7	9

5)

Input (i)	Output (g)
4	16
10	40
5	20
8	32
9	36

6)

Input (a)	Output (h)
26	6
29	9
22	2
25	5
24	4

7)

In (t)	24	20	22	19
Out (n)	7	3	5	2

8)

In (q)	4	3	9	8
Out (n)	36	27	81	72

9)

In (w)	24	16	56	32
Out (i)	3	2	7	4

10)

In (j)	9	4	10	8
Out (y)	11	6	12	10

11)

In (m)	24	48	12	54
Out (z)	4	8	2	9

12)

In (t)	9	6	5	7
Out (q)	45	30	25	35

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 (c)
56	8
63	9
21	3
70	10
35	5

$p \div 7 = c$

2)

Input (j)	Output (i)
2	14
7	49
10	70
8	56
9	63

$j \times 7 = i$

3)

Input (c)	Output (d)
9	24
3	18
7	22
6	21
8	23

$c + 15 = d$

4)

Input (n)	Output (s)
4	6
5	7
8	10
2	4
7	9

$n + 2 = s$

5)

Input (i)	Output (g)
4	16
10	40
5	20
8	32
9	36

$i \times 4 = g$

6)

Input (a)	Output (h)
26	6
29	9
22	2
25	5
24	4

$a - 20 = h$

7)

In (t)	24	20	22	19
Out (n)	7	3	5	2

$t - 17 = n$

8)

In (q)	4	3	9	8
Out (n)	36	27	81	72

$q \times 9 = n$

9)

In (w)	24	16	56	32
Out (i)	3	2	7	4

$w \div 8 = i$

10)

In (j)	9	4	10	8
Out (y)	11	6	12	10

$j + 2 = y$

11)

In (m)	24	48	12	54
Out (z)	4	8	2	9

$m \div 6 = z$

12)

In (t)	9	6	5	7
Out (q)	45	30	25	35

$t \times 5 = q$

Answers

1.  $p \div 7 = c$

2.  $j \times 7 = i$

3.  $c + 15 = d$

4.  $n + 2 = s$

5.  $i \times 4 = g$

6.  $a - 20 = h$

7.  $t - 17 = n$

8.  $q \times 9 = n$

9.  $w \div 8 = i$

10.  $j + 2 = y$

11.  $m \div 6 = z$

12.  $t \times 5 = q$



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

1)

Input (p)	Output (g)
70	10
42	6
35	5
21	3
28	4

2)

Input (b)	Output (a)
3	20
6	23
8	25
9	26
7	24

3)

Input (l)	Output (w)
3	15
10	50
6	30
4	20
2	10

4)

Input (o)	Output (d)
9	5
12	8
14	10
10	6
13	9

5)

Input (d)	Output (q)
11	4
17	10
14	7
9	2
15	8

6)

Input (q)	Output (a)
8	24
6	18
2	6
5	15
3	9

7)

In (z)	8	2	4	9
Out (t)	21	15	17	22

8)

In (y)	8	3	5	9
Out (c)	12	7	9	13

9)

In (j)	16	40	64	72
Out (e)	2	5	8	9

10)

In (i)	25	26	28	23
Out (k)	5	6	8	3

11)

In (u)	80	50	90	20
Out (b)	8	5	9	2

12)

In (p)	20	16	17	14
Out (q)	9	5	6	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 (p)	Output (g)
70	10
42	6
35	5
21	3
28	4

$p \div 7 = g$

2)

Input (b)	Output (a)
3	20
6	23
8	25
9	26
7	24

$b + 17 = a$

3)

Input (l)	Output (w)
3	15
10	50
6	30
4	20
2	10

$l \times 5 = w$

4)

Input (o)	Output (d)
9	5
12	8
14	10
10	6
13	9

$o - 4 = d$

5)

Input (d)	Output (q)
11	4
17	10
14	7
9	2
15	8

$d - 7 = q$

6)

Input (q)	Output (a)
8	24
6	18
2	6
5	15
3	9

$q \times 3 = a$

7)

In (z)	8	2	4	9
Out (t)	21	15	17	22

$z + 13 = t$

8)

In (y)	8	3	5	9
Out (c)	12	7	9	13

$y + 4 = c$

9)

In (j)	16	40	64	72
Out (e)	2	5	8	9

$j \div 8 = e$

10)

In (i)	25	26	28	23
Out (k)	5	6	8	3

$i - 20 = k$

11)

In (u)	80	50	90	20
Out (b)	8	5	9	2

$u \div 10 = b$

12)

In (p)	20	16	17	14
Out (q)	9	5	6	3

$p - 11 = q$

Answers

1.  $p \div 7 = g$

2.  $b + 17 = a$

3.  $l \times 5 = w$

4.  $o - 4 = d$

5.  $d - 7 = q$

6.  $q \times 3 = a$

7.  $z + 13 = t$

8.  $y + 4 = c$

9.  $j \div 8 = e$

10.  $i - 20 = k$

11.  $u \div 10 = b$

12.  $p - 11 = q$



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

1)

Input (o)	Output (j)
9	36
7	28
5	20
3	12
6	24

2)

Input (m)	Output (h)
6	12
7	13
4	10
9	15
10	16

3)

Input (g)	Output (f)
9	27
5	15
10	30
4	12
2	6

4)

Input (j)	Output (t)
17	7
13	3
12	2
20	10
18	8

5)

Input (h)	Output (l)
30	6
20	4
45	9
50	10
15	3

6)

Input (z)	Output (j)
90	10
81	9
18	2
63	7
45	5

7)

In (s)	18	12	16	6
Out (q)	9	6	8	3

8)

In (g)	7	10	3	2
Out (w)	70	100	30	20

9)

In (e)	3	2	4	6
Out (g)	12	11	13	15

10)

In (a)	19	17	21	22
Out (e)	6	4	8	9

11)

In (j)	7	3	6	2
Out (w)	21	9	18	6

12)

In (k)	19	20	23	21
Out (g)	5	6	9	7

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 (o)	Output (j)
9	36
7	28
5	20
3	12
6	24

$o \times 4 = j$

2)

Input (m)	Output (h)
6	12
7	13
4	10
9	15
10	16

$m + 6 = h$

3)

Input (g)	Output (f)
9	27
5	15
10	30
4	12
2	6

$g \times 3 = f$

4)

Input (j)	Output (t)
17	7
13	3
12	2
20	10
18	8

$j - 10 = t$

5)

Input (h)	Output (l)
30	6
20	4
45	9
50	10
15	3

$h \div 5 = l$

6)

Input (z)	Output (j)
90	10
81	9
18	2
63	7
45	5

$z \div 9 = j$

7)

In (s)	18	12	16	6
Out (q)	9	6	8	3

$s \div 2 = q$

8)

In (g)	7	10	3	2
Out (w)	70	100	30	20

$g \times 10 = w$

9)

In (e)	3	2	4	6
Out (g)	12	11	13	15

$e + 9 = g$

10)

In (a)	19	17	21	22
Out (e)	6	4	8	9

$a - 13 = e$

11)

In (j)	7	3	6	2
Out (w)	21	9	18	6

$j \times 3 = w$

12)

In (k)	19	20	23	21
Out (g)	5	6	9	7

$k - 14 = g$

Answers

1.  $o \times 4 = j$

2.  $m + 6 = h$

3.  $g \times 3 = f$

4.  $j - 10 = t$

5.  $h \div 5 = l$

6.  $z \div 9 = j$

7.  $s \div 2 = q$

8.  $g \times 10 = w$

9.  $e + 9 = g$

10.  $a - 13 = e$

11.  $j \times 3 = w$

12.  $k - 14 = g$



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

Answers

1)

Input (s)	Output (w)
15	3
19	7
21	9
17	5
20	8

2)

Input (r)	Output (b)
3	7
7	11
8	12
5	9
4	8

3)

Input (f)	Output (r)
9	26
3	20
4	21
6	23
8	25

4)

Input (a)	Output (t)
16	4
14	2
18	6
19	7
20	8

5)

Input (w)	Output (r)
20	10
8	4
14	7
16	8
18	9

6)

Input (c)	Output (j)
4	16
9	36
8	32
3	12
10	40

7)

In (n)	9	14	11	17
Out (p)	2	7	4	10

8)

In (c)	9	7	10	4
Out (q)	54	42	60	24

9)

In (m)	15	12	9	21
Out (b)	5	4	3	7

10)

In (b)	7	4	5	9
Out (y)	12	9	10	14

11)

In (e)	4	5	3	6
Out (u)	32	40	24	48

12)

In (l)	11	9	10	13
Out (a)	6	4	5	8

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 (s)	Output (w)
15	3
19	7
21	9
17	5
20	8

$s - 12 = w$

2)

Input (r)	Output (b)
3	7
7	11
8	12
5	9
4	8

$r + 4 = b$

3)

Input (f)	Output (r)
9	26
3	20
4	21
6	23
8	25

$f + 17 = r$

4)

Input (a)	Output (t)
16	4
14	2
18	6
19	7
20	8

$a - 12 = t$

5)

Input (w)	Output (r)
20	10
8	4
14	7
16	8
18	9

$w \div 2 = r$

6)

Input (c)	Output (j)
4	16
9	36
8	32
3	12
10	40

$c \times 4 = j$

7)

In (n)	9	14	11	17
Out (p)	2	7	4	10

$n - 7 = p$

8)

In (c)	9	7	10	4
Out (q)	54	42	60	24

$c \times 6 = q$

9)

In (m)	15	12	9	21
Out (b)	5	4	3	7

$m \div 3 = b$

10)

In (b)	7	4	5	9
Out (y)	12	9	10	14

$b + 5 = y$

11)

In (e)	4	5	3	6
Out (u)	32	40	24	48

$e \times 8 = u$

12)

In (l)	11	9	10	13
Out (a)	6	4	5	8

$l - 5 = a$

Answers

1.  $s - 12 = w$

2.  $r + 4 = b$

3.  $f + 17 = r$

4.  $a - 12 = t$

5.  $w \div 2 = r$

6.  $c \times 4 = j$

7.  $n - 7 = p$

8.  $c \times 6 = q$

9.  $m \div 3 = b$

10.  $b + 5 = y$

11.  $e \times 8 = u$

12.  $l - 5 = a$





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

1)

Input (z)	Output (q)
30	5
60	10
54	9
36	6
18	3

2)

Input (f)	Output (h)
6	48
5	40
7	56
9	72
10	80

3)

Input (g)	Output (h)
8	56
2	14
9	63
6	42
10	70

4)

Input (p)	Output (a)
11	4
17	10
9	2
13	6
10	3

5)

Input (l)	Output (o)
20	9
17	6
15	4
13	2
16	5

6)

Input (t)	Output (l)
6	4
5	3
4	2
8	6
9	7

7)

In (m)	9	10	7	2
Out (k)	13	14	11	6

8)

In (e)	16	12	20	10
Out (s)	8	6	10	5

9)

In (y)	6	5	11	4
Out (i)	5	4	10	3

10)

In (w)	3	4	5	7
Out (t)	18	24	30	42

11)

In (g)	30	10	25	15
Out (v)	6	2	5	3

12)

In (q)	2	6	8	3
Out (y)	16	20	22	17

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 (z)	Output (q)
30	5
60	10
54	9
36	6
18	3

$z \div 6 = q$

2)

Input (f)	Output (h)
6	48
5	40
7	56
9	72
10	80

$f \times 8 = h$

3)

Input (g)	Output (h)
8	56
2	14
9	63
6	42
10	70

$g \times 7 = h$

4)

Input (p)	Output (a)
11	4
17	10
9	2
13	6
10	3

$p - 7 = a$

5)

Input (l)	Output (o)
20	9
17	6
15	4
13	2
16	5

$l - 11 = o$

6)

Input (t)	Output (l)
6	4
5	3
4	2
8	6
9	7

$t - 2 = l$

7)

In (m)	9	10	7	2
Out (k)	13	14	11	6

$m + 4 = k$

8)

In (e)	16	12	20	10
Out (s)	8	6	10	5

$e \div 2 = s$

9)

In (y)	6	5	11	4
Out (i)	5	4	10	3

$y - 1 = i$

10)

In (w)	3	4	5	7
Out (t)	18	24	30	42

$w \times 6 = t$

11)

In (g)	30	10	25	15
Out (v)	6	2	5	3

$g \div 5 = v$

12)

In (q)	2	6	8	3
Out (y)	16	20	22	17

$q + 14 = y$

Answers

1.  $z \div 6 = q$

2.  $f \times 8 = h$

3.  $g \times 7 = h$

4.  $p - 7 = a$

5.  $l - 11 = o$

6.  $t - 2 = l$

7.  $m + 4 = k$

8.  $e \div 2 = s$

9.  $y - 1 = i$

10.  $w \times 6 = t$

11.  $g \div 5 = v$

12.  $q + 14 = y$



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

Answers

1)

Input (j)	Output (d)
9	22
4	17
10	23
7	20
6	19

2)

Input (c)	Output (l)
54	9
30	5
42	7
36	6
24	4

3)

Input (c)	Output (b)
20	2
100	10
40	4
30	3
80	8

4)

Input (v)	Output (j)
4	24
5	25
9	29
6	26
10	30

5)

Input (g)	Output (h)
40	5
80	10
24	3
64	8
48	6

6)

Input (e)	Output (f)
3	27
6	54
5	45
9	81
4	36

7)

In (g)	5	2	7	9
Out (c)	12	9	14	16

8)

In (a)	24	17	23	16
Out (p)	10	3	9	2

9)

In (y)	6	9	7	4
Out (q)	18	27	21	12

10)

In (e)	12	14	10	11
Out (j)	6	8	4	5

11)

In (i)	35	30	25	45
Out (h)	7	6	5	9

12)

In (c)	8	5	4	10
Out (f)	32	20	16	40

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 (j)	Output (d)
9	22
4	17
10	23
7	20
6	19

$j + 13 = d$

2)

Input (c)	Output (l)
54	9
30	5
42	7
36	6
24	4

$c \div 6 = l$

3)

Input (c)	Output (b)
20	2
100	10
40	4
30	3
80	8

$c \div 10 = b$

4)

Input (v)	Output (j)
4	24
5	25
9	29
6	26
10	30

$v + 20 = j$

5)

Input (g)	Output (h)
40	5
80	10
24	3
64	8
48	6

$g \div 8 = h$

6)

Input (e)	Output (f)
3	27
6	54
5	45
9	81
4	36

$e \times 9 = f$

7)

In (g)	5	2	7	9
Out (c)	12	9	14	16

$g + 7 = c$

8)

In (a)	24	17	23	16
Out (p)	10	3	9	2

$a - 14 = p$

9)

In (y)	6	9	7	4
Out (q)	18	27	21	12

$y \times 3 = q$

10)

In (e)	12	14	10	11
Out (j)	6	8	4	5

$e - 6 = j$

11)

In (i)	35	30	25	45
Out (h)	7	6	5	9

$i \div 5 = h$

12)

In (c)	8	5	4	10
Out (f)	32	20	16	40

$c \times 4 = f$

Answers

1.  $j + 13 = d$

2.  $c \div 6 = l$

3.  $c \div 10 = b$

4.  $v + 20 = j$

5.  $g \div 8 = h$

6.  $e \times 9 = f$

7.  $g + 7 = c$

8.  $a - 14 = p$

9.  $y \times 3 = q$

10.  $e - 6 = j$

11.  $i \div 5 = h$

12.  $c \times 4 = f$



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

Answers

1)

Input (b)	Output (d)
5	45
2	18
4	36
9	81
10	90

2)

Input (i)	Output (m)
10	9
8	7
4	3
11	10
5	4

3)

Input (i)	Output (m)
16	2
80	10
32	4
40	5
72	9

4)

Input (j)	Output (y)
3	18
10	60
7	42
6	36
2	12

5)

Input (z)	Output (y)
10	20
2	4
5	10
4	8
8	16

6)

Input (j)	Output (b)
8	11
7	10
4	7
6	9
2	5

7)

In (d)	23	20	19	17
Out (b)	10	7	6	4

8)

In (a)	5	8	3	10
Out (u)	35	56	21	70

9)

In (c)	10	9	4	3
Out (z)	9	8	3	2

10)

In (t)	9	5	3	6
Out (n)	28	24	22	25

11)

In (p)	3	5	2	7
Out (i)	8	10	7	12

12)

In (d)	35	40	30	20
Out (n)	7	8	6	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 (b)	Output (d)
5	45
2	18
4	36
9	81
10	90

$b \times 9 = d$

2)

Input (i)	Output (m)
10	9
8	7
4	3
11	10
5	4

$i - 1 = m$

3)

Input (i)	Output (m)
16	2
80	10
32	4
40	5
72	9

$i \div 8 = m$

4)

Input (j)	Output (y)
3	18
10	60
7	42
6	36
2	12

$j \times 6 = y$

5)

Input (z)	Output (y)
10	20
2	4
5	10
4	8
8	16

$z \times 2 = y$

6)

Input (j)	Output (b)
8	11
7	10
4	7
6	9
2	5

$j + 3 = b$

7)

In (d)	23	20	19	17
Out (b)	10	7	6	4

$d - 13 = b$

8)

In (a)	5	8	3	10
Out (u)	35	56	21	70

$a \times 7 = u$

9)

In (c)	10	9	4	3
Out (z)	9	8	3	2

$c - 1 = z$

10)

In (t)	9	5	3	6
Out (n)	28	24	22	25

$t + 19 = n$

11)

In (p)	3	5	2	7
Out (i)	8	10	7	12

$p + 5 = i$

12)

In (d)	35	40	30	20
Out (n)	7	8	6	4

$d \div 5 = n$

Answers

1.  $b \times 9 = d$

2.  $i - 1 = m$

3.  $i \div 8 = m$

4.  $j \times 6 = y$

5.  $z \times 2 = y$

6.  $j + 3 = b$

7.  $d - 13 = b$

8.  $a \times 7 = u$

9.  $c - 1 = z$

10.  $t + 19 = n$

11.  $p + 5 = i$

12.  $d \div 5 = n$



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

1)

Input (z)	Output (k)
24	4
26	6
25	5
22	2
28	8

2)

Input (h)	Output (y)
8	24
5	21
9	25
10	26
4	20

3)

Input (v)	Output (m)
5	9
9	13
2	6
8	12
4	8

4)

Input (s)	Output (k)
6	9
7	10
8	11
3	6
2	5

5)

Input (d)	Output (q)
6	11
9	14
7	12
8	13
4	9

6)

Input (j)	Output (p)
21	3
26	8
28	10
24	6
22	4

7)

In (z)	18	48	54	30
Out (n)	3	8	9	5

8)

In (q)	9	7	5	10
Out (y)	63	49	35	70

9)

In (k)	9	7	5	3
Out (p)	45	35	25	15

10)

In (o)	14	15	22	17
Out (l)	2	3	10	5

11)

In (f)	18	12	20	16
Out (j)	9	6	10	8

12)

In (s)	9	10	2	5
Out (e)	27	30	6	15

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 (z)	Output (k)
24	4
26	6
25	5
22	2
28	8

$z - 20 = k$

2)

Input (h)	Output (y)
8	24
5	21
9	25
10	26
4	20

$h + 16 = y$

3)

Input (v)	Output (m)
5	9
9	13
2	6
8	12
4	8

$v + 4 = m$

4)

Input (s)	Output (k)
6	9
7	10
8	11
3	6
2	5

$s + 3 = k$

5)

Input (d)	Output (q)
6	11
9	14
7	12
8	13
4	9

$d + 5 = q$

6)

Input (j)	Output (p)
21	3
26	8
28	10
24	6
22	4

$j - 18 = p$

7)

In (z)	18	48	54	30
Out (n)	3	8	9	5

$z \div 6 = n$

8)

In (q)	9	7	5	10
Out (y)	63	49	35	70

$q \times 7 = y$

9)

In (k)	9	7	5	3
Out (p)	45	35	25	15

$k \times 5 = p$

10)

In (o)	14	15	22	17
Out (l)	2	3	10	5

$o - 12 = l$

11)

In (f)	18	12	20	16
Out (j)	9	6	10	8

$f \div 2 = j$

12)

In (s)	9	10	2	5
Out (e)	27	30	6	15

$s \times 3 = e$

Answers

1.  $z - 20 = k$

2.  $h + 16 = y$

3.  $v + 4 = m$

4.  $s + 3 = k$

5.  $d + 5 = q$

6.  $j - 18 = p$

7.  $z \div 6 = n$

8.  $q \times 7 = y$

9.  $k \times 5 = p$

10.  $o - 12 = l$

11.  $f \div 2 = j$

12.  $s \times 3 = e$





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

Answers

1)

Input (z)	Output (e)
8	28
4	24
5	25
7	27
10	30

2)

Input (m)	Output (i)
64	8
48	6
72	9
24	3
80	10

3)

Input (z)	Output (p)
90	9
60	6
70	7
50	5
80	8

4)

Input (z)	Output (h)
72	9
56	7
32	4
80	10
24	3

5)

Input (u)	Output (n)
14	10
12	8
9	5
7	3
11	7

6)

Input (h)	Output (f)
15	7
10	2
18	10
17	9
12	4

7)

In (t)	45	18	27	36
Out (h)	5	2	3	4

8)

In (c)	5	8	9	4
Out (g)	8	11	12	7

9)

In (e)	7	10	3	9
Out (j)	35	50	15	45

10)

In (o)	6	7	4	2
Out (h)	9	10	7	5

11)

In (o)	20	26	22	21
Out (y)	3	9	5	4

12)

In (k)	8	9	2	3
Out (a)	14	15	8	9

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 (e)
8	28
4	24
5	25
7	27
10	30

$z + 20 = e$

2)

Input (m)	Output (i)
64	8
48	6
72	9
24	3
80	10

$m \div 8 = i$

3)

Input (z)	Output (p)
90	9
60	6
70	7
50	5
80	8

$z \div 10 = p$

4)

Input (z)	Output (h)
72	9
56	7
32	4
80	10
24	3

$z \div 8 = h$

5)

Input (u)	Output (n)
14	10
12	8
9	5
7	3
11	7

$u - 4 = n$

6)

Input (h)	Output (f)
15	7
10	2
18	10
17	9
12	4

$h - 8 = f$

7)

In (t)	45	18	27	36
Out (h)	5	2	3	4

$t \div 9 = h$

8)

In (c)	5	8	9	4
Out (g)	8	11	12	7

$c + 3 = g$

9)

In (e)	7	10	3	9
Out (j)	35	50	15	45

$e \times 5 = j$

10)

In (o)	6	7	4	2
Out (h)	9	10	7	5

$o + 3 = h$

11)

In (o)	20	26	22	21
Out (y)	3	9	5	4

$o - 17 = y$

12)

In (k)	8	9	2	3
Out (a)	14	15	8	9

$k + 6 = a$

Answers

1.  $z + 20 = e$

2.  $m \div 8 = i$

3.  $z \div 10 = p$

4.  $z \div 8 = h$

5.  $u - 4 = n$

6.  $h - 8 = f$

7.  $t \div 9 = h$

8.  $c + 3 = g$

9.  $e \times 5 = j$

10.  $o + 3 = h$

11.  $o - 17 = y$

12.  $k + 6 = a$



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

Answers

1)

Input (c)	Output (w)
5	6
8	9
3	4
6	7
2	3

2)

Input (n)	Output (o)
16	2
21	7
24	10
19	5
18	4

3)

Input (w)	Output (h)
13	4
11	2
17	8
18	9
19	10

4)

Input (w)	Output (g)
6	60
7	70
3	30
5	50
8	80

5)

Input (j)	Output (e)
2	4
8	10
6	8
3	5
4	6

6)

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

7)

In (a)	8	10	15	9
Out (n)	3	5	10	4

8)

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

9)

In (r)	12	30	21	24
Out (a)	4	10	7	8

10)

In (q)	20	8	12	24
Out (n)	5	2	3	6

11)

In (u)	30	24	6	9
Out (k)	10	8	2	3

12)

In (r)	7	10	2	5
Out (e)	13	16	8	11

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 (c)	Output (w)
5	6
8	9
3	4
6	7
2	3

$c + 1 = w$

2)

Input (n)	Output (o)
16	2
21	7
24	10
19	5
18	4

$n - 14 = o$

3)

Input (w)	Output (h)
13	4
11	2
17	8
18	9
19	10

$w - 9 = h$

4)

Input (w)	Output (g)
6	60
7	70
3	30
5	50
8	80

$w \times 10 = g$

5)

Input (j)	Output (e)
2	4
8	10
6	8
3	5
4	6

$j + 2 = e$

6)

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

$k \times 10 = f$

7)

In (a)	8	10	15	9
Out (n)	3	5	10	4

$a - 5 = n$

8)

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

$f \times 2 = a$

9)

In (r)	12	30	21	24
Out (a)	4	10	7	8

$r \div 3 = a$

10)

In (q)	20	8	12	24
Out (n)	5	2	3	6

$q \div 4 = n$

11)

In (u)	30	24	6	9
Out (k)	10	8	2	3

$u \div 3 = k$

12)

In (r)	7	10	2	5
Out (e)	13	16	8	11

$r + 6 = e$

Answers

1.  $c + 1 = w$

2.  $n - 14 = o$

3.  $w - 9 = h$

4.  $w \times 10 = g$

5.  $j + 2 = e$

6.  $k \times 10 = f$

7.  $a - 5 = n$

8.  $f \times 2 = a$

9.  $r \div 3 = a$

10.  $q \div 4 = n$

11.  $u \div 3 = k$

12.  $r + 6 = e$