



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

1)

Input (l)	Output (m)
6	30
10	50
9	45
3	15
5	25

2)

Input (u)	Output (v)
8	72
7	63
4	36
2	18
3	27

3)

Input (w)	Output (x)
9	27
5	15
7	21
8	24
10	30

4)

Input (r)	Output (s)
56	48
38	30
70	62
58	50
59	51

5)

Input (m)	Output (n)
80	8
40	4
100	10
90	9
50	5

6)

Input (o)	Output (p)
5	30
8	48
4	24
10	60
9	54

7)

In (k)	19	62	17	76
Out (l)	36	79	34	93

8)

In (x)	11	44	56	27
Out (y)	5	38	50	21

9)

In (m)	64	24	72	32
Out (n)	8	3	9	4

10)

In (a)	83	85	10	40
Out (b)	88	90	15	45

11)

In (k)	32	89	43	58
Out (l)	29	86	40	55

12)

In (y)	88	29	16	80
Out (z)	76	17	4	68

Answers

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



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

1)

Input (l)	Output (m)
6	30
10	50
9	45
3	15
5	25

$l \times 5 = m$

2)

Input (u)	Output (v)
8	72
7	63
4	36
2	18
3	27

$u \times 9 = v$

3)

Input (w)	Output (x)
9	27
5	15
7	21
8	24
10	30

$w \times 3 = x$

4)

Input (r)	Output (s)
56	48
38	30
70	62
58	50
59	51

$r - 8 = s$

5)

Input (m)	Output (n)
80	8
40	4
100	10
90	9
50	5

$m \div 10 = n$

6)

Input (o)	Output (p)
5	30
8	48
4	24
10	60
9	54

$o \times 6 = p$

7)

In (k)	19	62	17	76
Out (l)	36	79	34	93

$k + 17 = l$

8)

In (x)	11	44	56	27
Out (y)	5	38	50	21

$x - 6 = y$

9)

In (m)	64	24	72	32
Out (n)	8	3	9	4

$m \div 8 = n$

10)

In (a)	83	85	10	40
Out (b)	88	90	15	45

$a + 5 = b$

11)

In (k)	32	89	43	58
Out (l)	29	86	40	55

$k - 3 = l$

12)

In (y)	88	29	16	80
Out (z)	76	17	4	68

$y - 12 = z$

Answers

1. $l \times 5 = m$

2. $u \times 9 = v$

3. $w \times 3 = x$

4. $r - 8 = s$

5. $m \div 10 = n$

6. $o \times 6 = p$

7. $k + 17 = l$

8. $x - 6 = y$

9. $m \div 8 = n$

10. $a + 5 = b$

11. $k - 3 = l$

12. $y - 12 = z$



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

1)

Input (c)	Output (d)
70	88
52	70
77	95
68	86
9	27

2)

Input (r)	Output (s)
5	35
6	42
4	28
8	56
7	49

3)

Input (y)	Output (z)
7	56
10	80
8	64
5	40
6	48

4)

Input (n)	Output (o)
9	3
24	8
6	2
27	9
18	6

5)

Input (j)	Output (k)
72	52
26	6
76	56
75	55
33	13

6)

Input (r)	Output (s)
31	49
89	107
50	68
77	95
81	99

7)

In (w)	12	16	8	20
Out (x)	6	8	4	10

8)

In (n)	60	80	40	50
Out (o)	6	8	4	5

9)

In (u)	36	48	12	54
Out (v)	6	8	2	9

10)

In (d)	62	59	42	33
Out (e)	55	52	35	26

11)

In (l)	24	67	46	29
Out (m)	9	52	31	14

12)

In (j)	27	22	59	54
Out (k)	28	23	60	55

Answers

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



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

1)

Input (c)	Output (d)
70	88
52	70
77	95
68	86
9	27

$c + 18 = d$

2)

Input (r)	Output (s)
5	35
6	42
4	28
8	56
7	49

$r \times 7 = s$

3)

Input (y)	Output (z)
7	56
10	80
8	64
5	40
6	48

$y \times 8 = z$

4)

Input (n)	Output (o)
9	3
24	8
6	2
27	9
18	6

$n \div 3 = o$

5)

Input (j)	Output (k)
72	52
26	6
76	56
75	55
33	13

$j - 20 = k$

6)

Input (r)	Output (s)
31	49
89	107
50	68
77	95
81	99

$r + 18 = s$

7)

In (w)	12	16	8	20
Out (x)	6	8	4	10

$w \div 2 = x$

8)

In (n)	60	80	40	50
Out (o)	6	8	4	5

$n \div 10 = o$

9)

In (u)	36	48	12	54
Out (v)	6	8	2	9

$u \div 6 = v$

10)

In (d)	62	59	42	33
Out (e)	55	52	35	26

$d - 7 = e$

11)

In (l)	24	67	46	29
Out (m)	9	52	31	14

$l - 15 = m$

12)

In (j)	27	22	59	54
Out (k)	28	23	60	55

$j + 1 = k$

Answers

1. $c + 18 = d$

2. $r \times 7 = s$

3. $y \times 8 = z$

4. $n \div 3 = o$

5. $j - 20 = k$

6. $r + 18 = s$

7. $w \div 2 = x$

8. $n \div 10 = o$

9. $u \div 6 = v$

10. $d - 7 = e$

11. $l - 15 = m$

12. $j + 1 = k$



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

1)

Input (b)	Output (c)
45	59
64	78
74	88
96	110
79	93

2)

Input (e)	Output (f)
9	27
5	15
7	21
2	6
6	18

3)

Input (t)	Output (u)
5	35
7	49
10	70
8	56
9	63

4)

Input (v)	Output (w)
66	51
78	63
24	9
85	70
71	56

5)

Input (n)	Output (o)
25	27
40	42
11	13
87	89
95	97

6)

Input (j)	Output (k)
54	9
24	4
60	10
18	3
30	5

7)

In (m)	78	29	59	22
Out (n)	90	41	71	34

8)

In (w)	100	80	50	30
Out (x)	10	8	5	3

9)

In (v)	85	4	89	73
Out (w)	98	17	102	86

10)

In (k)	8	12	28	32
Out (l)	2	3	7	8

11)

In (x)	90	72	36	45
Out (y)	10	8	4	5

12)

In (k)	72	86	58	29
Out (l)	55	69	41	12

Answers

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



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

1)

Input (b)	Output (c)
45	59
64	78
74	88
96	110
79	93

$b + 14 = c$

2)

Input (e)	Output (f)
9	27
5	15
7	21
2	6
6	18

$e \times 3 = f$

3)

Input (t)	Output (u)
5	35
7	49
10	70
8	56
9	63

$t \times 7 = u$

4)

Input (v)	Output (w)
66	51
78	63
24	9
85	70
71	56

$v - 15 = w$

5)

Input (n)	Output (o)
25	27
40	42
11	13
87	89
95	97

$n + 2 = o$

6)

Input (j)	Output (k)
54	9
24	4
60	10
18	3
30	5

$j \div 6 = k$

7)

In (m)	78	29	59	22
Out (n)	90	41	71	34

$m + 12 = n$

8)

In (w)	100	80	50	30
Out (x)	10	8	5	3

$w \div 10 = x$

9)

In (v)	85	4	89	73
Out (w)	98	17	102	86

$v + 13 = w$

10)

In (k)	8	12	28	32
Out (l)	2	3	7	8

$k \div 4 = l$

11)

In (x)	90	72	36	45
Out (y)	10	8	4	5

$x \div 9 = y$

12)

In (k)	72	86	58	29
Out (l)	55	69	41	12

$k - 17 = l$

Answers

1. $b + 14 = c$

2. $e \times 3 = f$

3. $t \times 7 = u$

4. $v - 15 = w$

5. $n + 2 = o$

6. $j \div 6 = k$

7. $m + 12 = n$

8. $w \div 10 = x$

9. $v + 13 = w$

10. $k \div 4 = l$

11. $x \div 9 = y$

12. $k - 17 = l$



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

1)

Input (q)	Output (r)
27	3
72	8
36	4
81	9
45	5

2)

Input (j)	Output (k)
96	90
7	1
10	4
19	13
97	91

3)

Input (i)	Output (j)
2	14
6	42
10	70
8	56
7	49

4)

Input (k)	Output (l)
72	9
40	5
48	6
56	7
24	3

5)

Input (k)	Output (l)
2	20
9	90
7	70
6	60
5	50

6)

Input (s)	Output (t)
87	71
52	36
80	64
26	10
70	54

7)

In (i)	59	32	76	36
Out (j)	69	42	86	46

8)

In (r)	56	19	39	60
Out (s)	62	25	45	66

9)

In (c)	6	4	20	8
Out (d)	3	2	10	4

10)

In (m)	5	3	9	4
Out (n)	30	18	54	24

11)

In (m)	91	69	78	9
Out (n)	96	74	83	14

12)

In (s)	3	5	9	10
Out (t)	12	20	36	40

Answers

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



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

1)

Input (q)	Output (r)
27	3
72	8
36	4
81	9
45	5

$q \div 9 = r$

2)

Input (j)	Output (k)
96	90
7	1
10	4
19	13
97	91

$j - 6 = k$

3)

Input (i)	Output (j)
2	14
6	42
10	70
8	56
7	49

$i \times 7 = j$

4)

Input (k)	Output (l)
72	9
40	5
48	6
56	7
24	3

$k \div 8 = l$

5)

Input (k)	Output (l)
2	20
9	90
7	70
6	60
5	50

$k \times 10 = l$

6)

Input (s)	Output (t)
87	71
52	36
80	64
26	10
70	54

$s - 16 = t$

7)

In (i)	59	32	76	36
Out (j)	69	42	86	46

$i + 10 = j$

8)

In (r)	56	19	39	60
Out (s)	62	25	45	66

$r + 6 = s$

9)

In (c)	6	4	20	8
Out (d)	3	2	10	4

$c \div 2 = d$

10)

In (m)	5	3	9	4
Out (n)	30	18	54	24

$m \times 6 = n$

11)

In (m)	91	69	78	9
Out (n)	96	74	83	14

$m + 5 = n$

12)

In (s)	3	5	9	10
Out (t)	12	20	36	40

$s \times 4 = t$

Answers

1. $q \div 9 = r$

2. $j - 6 = k$

3. $i \times 7 = j$

4. $k \div 8 = l$

5. $k \times 10 = l$

6. $s - 16 = t$

7. $i + 10 = j$

8. $r + 6 = s$

9. $c \div 2 = d$

10. $m \times 6 = n$

11. $m + 5 = n$

12. $s \times 4 = t$



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

1)

Input (g)	Output (h)
2	6
5	15
9	27
3	9
10	30

2)

Input (h)	Output (i)
50	54
46	50
17	21
45	49
12	16

3)

Input (m)	Output (n)
72	9
64	8
48	6
80	10
40	5

4)

Input (j)	Output (k)
4	40
3	30
10	100
5	50
2	20

5)

Input (n)	Output (o)
30	6
15	3
10	2
40	8
25	5

6)

Input (t)	Output (u)
11	1
68	58
28	18
12	2
80	70

7)

In (e)	28	12	16	8
Out (f)	7	3	4	2

8)

In (n)	42	35	28	63
Out (o)	6	5	4	9

9)

In (d)	5	2	9	6
Out (e)	10	4	18	12

10)

In (j)	19	23	92	87
Out (k)	16	20	89	84

11)

In (u)	14	40	22	84
Out (v)	6	32	14	76

12)

In (n)	9	5	10	4
Out (o)	81	45	90	36

Answers

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



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

1)

Input (g)	Output (h)
2	6
5	15
9	27
3	9
10	30

$g \times 3 = h$

2)

Input (h)	Output (i)
50	54
46	50
17	21
45	49
12	16

$h + 4 = i$

3)

Input (m)	Output (n)
72	9
64	8
48	6
80	10
40	5

$m \div 8 = n$

4)

Input (j)	Output (k)
4	40
3	30
10	100
5	50
2	20

$j \times 10 = k$

5)

Input (n)	Output (o)
30	6
15	3
10	2
40	8
25	5

$n \div 5 = o$

6)

Input (t)	Output (u)
11	1
68	58
28	18
12	2
80	70

$t - 10 = u$

7)

In (e)	28	12	16	8
Out (f)	7	3	4	2

$e \div 4 = f$

8)

In (n)	42	35	28	63
Out (o)	6	5	4	9

$n \div 7 = o$

9)

In (d)	5	2	9	6
Out (e)	10	4	18	12

$d \times 2 = e$

10)

In (j)	19	23	92	87
Out (k)	16	20	89	84

$j - 3 = k$

11)

In (u)	14	40	22	84
Out (v)	6	32	14	76

$u - 8 = v$

12)

In (n)	9	5	10	4
Out (o)	81	45	90	36

$n \times 9 = o$

Answers

1. $g \times 3 = h$

2. $h + 4 = i$

3. $m \div 8 = n$

4. $j \times 10 = k$

5. $n \div 5 = o$

6. $t - 10 = u$

7. $e \div 4 = f$

8. $n \div 7 = o$

9. $d \times 2 = e$

10. $j - 3 = k$

11. $u - 8 = v$

12. $n \times 9 = o$



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

1)

Input (k)	Output (l)
63	75
73	85
56	68
92	104
23	35

2)

Input (s)	Output (t)
31	49
71	89
47	65
95	113
63	81

3)

Input (d)	Output (e)
2	16
4	32
10	80
6	48
3	24

4)

Input (x)	Output (y)
63	9
21	3
35	5
28	4
14	2

5)

Input (q)	Output (r)
72	8
90	10
81	9
27	3
45	5

6)

Input (h)	Output (i)
7	42
10	60
5	30
9	54
6	36

7)

In (l)	19	94	88	51
Out (m)	13	88	82	45

8)

In (t)	41	7	30	83
Out (u)	51	17	40	93

9)

In (f)	107	97	91	40
Out (g)	96	86	80	29

10)

In (d)	76	47	20	66
Out (e)	69	40	13	59

11)

In (q)	35	103	22	67
Out (r)	24	92	11	56

12)

In (y)	8	4	3	10
Out (z)	32	16	12	40

Answers

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



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

1)

Input (k)	Output (l)
63	75
73	85
56	68
92	104
23	35

$k + 12 = l$

2)

Input (s)	Output (t)
31	49
71	89
47	65
95	113
63	81

$s + 18 = t$

3)

Input (d)	Output (e)
2	16
4	32
10	80
6	48
3	24

$d \times 8 = e$

4)

Input (x)	Output (y)
63	9
21	3
35	5
28	4
14	2

$x \div 7 = y$

5)

Input (q)	Output (r)
72	8
90	10
81	9
27	3
45	5

$q \div 9 = r$

6)

Input (h)	Output (i)
7	42
10	60
5	30
9	54
6	36

$h \times 6 = i$

7)

In (l)	19	94	88	51
Out (m)	13	88	82	45

$l - 6 = m$

8)

In (t)	41	7	30	83
Out (u)	51	17	40	93

$t + 10 = u$

9)

In (f)	107	97	91	40
Out (g)	96	86	80	29

$f - 11 = g$

10)

In (d)	76	47	20	66
Out (e)	69	40	13	59

$d - 7 = e$

11)

In (q)	35	103	22	67
Out (r)	24	92	11	56

$q - 11 = r$

12)

In (y)	8	4	3	10
Out (z)	32	16	12	40

$y \times 4 = z$

Answers

1. $k + 12 = l$

2. $s + 18 = t$

3. $d \times 8 = e$

4. $x \div 7 = y$

5. $q \div 9 = r$

6. $h \times 6 = i$

7. $l - 6 = m$

8. $t + 10 = u$

9. $f - 11 = g$

10. $d - 7 = e$

11. $q - 11 = r$

12. $y \times 4 = z$



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

1)

Input (l)	Output (m)
86	70
113	97
23	7
71	55
55	39

2)

Input (c)	Output (d)
28	15
88	75
59	46
100	87
72	59

3)

Input (l)	Output (m)
10	70
6	42
5	35
3	21
7	49

4)

Input (q)	Output (r)
92	104
47	59
59	71
55	67
26	38

5)

Input (o)	Output (p)
51	56
12	17
22	27
89	94
33	38

6)

Input (q)	Output (r)
78	75
56	53
37	34
79	76
20	17

7)

In (g)	24	5	37	91
Out (h)	40	21	53	107

8)

In (u)	3	6	10	9
Out (v)	30	60	100	90

9)

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

10)

In (x)	18	45	54	27
Out (y)	2	5	6	3

11)

In (q)	24	6	27	9
Out (r)	8	2	9	3

12)

In (v)	4	69	58	52
Out (w)	6	71	60	54

Answers

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



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

1)

Input (l)	Output (m)
86	70
113	97
23	7
71	55
55	39

$l - 16 = m$

2)

Input (c)	Output (d)
28	15
88	75
59	46
100	87
72	59

$c - 13 = d$

3)

Input (l)	Output (m)
10	70
6	42
5	35
3	21
7	49

$l \times 7 = m$

4)

Input (q)	Output (r)
92	104
47	59
59	71
55	67
26	38

$q + 12 = r$

5)

Input (o)	Output (p)
51	56
12	17
22	27
89	94
33	38

$o + 5 = p$

6)

Input (q)	Output (r)
78	75
56	53
37	34
79	76
20	17

$q - 3 = r$

7)

In (g)	24	5	37	91
Out (h)	40	21	53	107

$g + 16 = h$

8)

In (u)	3	6	10	9
Out (v)	30	60	100	90

$u \times 10 = v$

9)

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

$v \div 5 = w$

10)

In (x)	18	45	54	27
Out (y)	2	5	6	3

$x \div 9 = y$

11)

In (q)	24	6	27	9
Out (r)	8	2	9	3

$q \div 3 = r$

12)

In (v)	4	69	58	52
Out (w)	6	71	60	54

$v + 2 = w$

Answers

1. $l - 16 = m$

2. $c - 13 = d$

3. $l \times 7 = m$

4. $q + 12 = r$

5. $o + 5 = p$

6. $q - 3 = r$

7. $g + 16 = h$

8. $u \times 10 = v$

9. $v \div 5 = w$

10. $x \div 9 = y$

11. $q \div 3 = r$

12. $v + 2 = w$



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

1)

Input (u)	Output (v)
81	90
68	77
87	96
67	76
72	81

2)

Input (a)	Output (b)
72	8
27	3
63	7
18	2
45	5

3)

Input (m)	Output (n)
30	6
40	8
25	5
45	9
35	7

4)

Input (v)	Output (w)
102	90
93	81
58	46
87	75
106	94

5)

Input (i)	Output (j)
10	30
4	12
5	15
7	21
6	18

6)

Input (f)	Output (g)
4	16
9	36
3	12
7	28
6	24

7)

In (a)	34	91	17	63
Out (b)	33	90	16	62

8)

In (t)	28	63	1	89
Out (u)	36	71	9	97

9)

In (i)	98	94	54	30
Out (j)	115	111	71	47

10)

In (h)	90	76	49	47
Out (i)	91	77	50	48

11)

In (v)	20	50	100	40
Out (w)	2	5	10	4

12)

In (c)	2	3	7	8
Out (d)	12	18	42	48

Answers

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



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

1)

Input (u)	Output (v)
81	90
68	77
87	96
67	76
72	81

$u + 9 = v$

2)

Input (a)	Output (b)
72	8
27	3
63	7
18	2
45	5

$a \div 9 = b$

3)

Input (m)	Output (n)
30	6
40	8
25	5
45	9
35	7

$m \div 5 = n$

4)

Input (v)	Output (w)
102	90
93	81
58	46
87	75
106	94

$v - 12 = w$

5)

Input (i)	Output (j)
10	30
4	12
5	15
7	21
6	18

$i \times 3 = j$

6)

Input (f)	Output (g)
4	16
9	36
3	12
7	28
6	24

$f \times 4 = g$

7)

In (a)	34	91	17	63
Out (b)	33	90	16	62

$a - 1 = b$

8)

In (t)	28	63	1	89
Out (u)	36	71	9	97

$t + 8 = u$

9)

In (i)	98	94	54	30
Out (j)	115	111	71	47

$i + 17 = j$

10)

In (h)	90	76	49	47
Out (i)	91	77	50	48

$h + 1 = i$

11)

In (v)	20	50	100	40
Out (w)	2	5	10	4

$v \div 10 = w$

12)

In (c)	2	3	7	8
Out (d)	12	18	42	48

$c \times 6 = d$

Answers

1. $u + 9 = v$

2. $a \div 9 = b$

3. $m \div 5 = n$

4. $v - 12 = w$

5. $i \times 3 = j$

6. $f \times 4 = g$

7. $a - 1 = b$

8. $t + 8 = u$

9. $i + 17 = j$

10. $h + 1 = i$

11. $v \div 10 = w$

12. $c \times 6 = d$



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

1)

Input (j)	Output (k)
60	10
30	5
54	9
48	8
18	3

2)

Input (m)	Output (n)
45	9
40	8
15	3
20	4
10	2

3)

Input (l)	Output (m)
42	6
14	2
35	5
56	8
49	7

4)

Input (d)	Output (e)
89	72
46	29
112	95
24	7
28	11

5)

Input (p)	Output (q)
5	50
4	40
10	100
3	30
6	60

6)

Input (i)	Output (j)
37	55
69	87
39	57
25	43
78	96

7)

In (m)	4	93	98	27
Out (n)	22	111	116	45

8)

In (f)	75	13	69	67
Out (g)	67	5	61	59

9)

In (t)	88	63	68	2
Out (u)	90	65	70	4

10)

In (t)	105	109	21	78
Out (u)	89	93	5	62

11)

In (p)	8	2	5	6
Out (q)	24	6	15	18

12)

In (f)	6	7	9	2
Out (g)	54	63	81	18

Answers

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



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

1)

Input (j)	Output (k)
60	10
30	5
54	9
48	8
18	3

$j \div 6 = k$

2)

Input (m)	Output (n)
45	9
40	8
15	3
20	4
10	2

$m \div 5 = n$

3)

Input (l)	Output (m)
42	6
14	2
35	5
56	8
49	7

$l \div 7 = m$

4)

Input (d)	Output (e)
89	72
46	29
112	95
24	7
28	11

$d - 17 = e$

5)

Input (p)	Output (q)
5	50
4	40
10	100
3	30
6	60

$p \times 10 = q$

6)

Input (i)	Output (j)
37	55
69	87
39	57
25	43
78	96

$i + 18 = j$

7)

In (m)	4	93	98	27
Out (n)	22	111	116	45

$m + 18 = n$

8)

In (f)	75	13	69	67
Out (g)	67	5	61	59

$f - 8 = g$

9)

In (t)	88	63	68	2
Out (u)	90	65	70	4

$t + 2 = u$

10)

In (t)	105	109	21	78
Out (u)	89	93	5	62

$t - 16 = u$

11)

In (p)	8	2	5	6
Out (q)	24	6	15	18

$p \times 3 = q$

12)

In (f)	6	7	9	2
Out (g)	54	63	81	18

$f \times 9 = g$

Answers

1. $j \div 6 = k$

2. $m \div 5 = n$

3. $l \div 7 = m$

4. $d - 17 = e$

5. $p \times 10 = q$

6. $i + 18 = j$

7. $m + 18 = n$

8. $f - 8 = g$

9. $t + 2 = u$

10. $t - 16 = u$

11. $p \times 3 = q$

12. $f \times 9 = g$



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

1)

Input (i)	Output (j)
5	50
8	80
3	30
6	60
10	100

2)

Input (d)	Output (e)
18	2
81	9
90	10
63	7
45	5

3)

Input (e)	Output (f)
3	6
6	12
10	20
4	8
2	4

4)

Input (b)	Output (c)
61	58
66	63
91	88
67	64
60	57

5)

Input (e)	Output (f)
9	27
6	18
5	15
8	24
4	12

6)

Input (c)	Output (d)
18	34
87	103
85	101
81	97
70	86

7)

In (l)	27	14	10	46
Out (m)	36	23	19	55

8)

In (f)	23	89	80	63
Out (g)	28	94	85	68

9)

In (q)	39	89	54	87
Out (r)	20	70	35	68

10)

In (x)	25	45	20	30
Out (y)	5	9	4	6

11)

In (k)	42	48	24	54
Out (l)	7	8	4	9

12)

In (o)	40	64	48	24
Out (p)	5	8	6	3

Answers

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



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

1)

Input (i)	Output (j)
5	50
8	80
3	30
6	60
10	100

$i \times 10 = j$

2)

Input (d)	Output (e)
18	2
81	9
90	10
63	7
45	5

$d \div 9 = e$

3)

Input (e)	Output (f)
3	6
6	12
10	20
4	8
2	4

$e \times 2 = f$

4)

Input (b)	Output (c)
61	58
66	63
91	88
67	64
60	57

$b - 3 = c$

5)

Input (e)	Output (f)
9	27
6	18
5	15
8	24
4	12

$e \times 3 = f$

6)

Input (c)	Output (d)
18	34
87	103
85	101
81	97
70	86

$c + 16 = d$

7)

In (l)	27	14	10	46
Out (m)	36	23	19	55

$l + 9 = m$

8)

In (f)	23	89	80	63
Out (g)	28	94	85	68

$f + 5 = g$

9)

In (q)	39	89	54	87
Out (r)	20	70	35	68

$q - 19 = r$

10)

In (x)	25	45	20	30
Out (y)	5	9	4	6

$x \div 5 = y$

11)

In (k)	42	48	24	54
Out (l)	7	8	4	9

$k \div 6 = l$

12)

In (o)	40	64	48	24
Out (p)	5	8	6	3

$o \div 8 = p$

Answers

1. $i \times 10 = j$

2. $d \div 9 = e$

3. $e \times 2 = f$

4. $b - 3 = c$

5. $e \times 3 = f$

6. $c + 16 = d$

7. $l + 9 = m$

8. $f + 5 = g$

9. $q - 19 = r$

10. $x \div 5 = y$

11. $k \div 6 = l$

12. $o \div 8 = p$