



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

**Answers**

1)

| Input (k) | Output (u) |
|-----------|------------|
| 72        | 80         |
| 40        | 48         |
| 36        | 44         |
| 48        | 56         |
| 38        | 46         |

2)

| Input (k) | Output (m) |
|-----------|------------|
| 40        | 4          |
| 50        | 5          |
| 20        | 2          |
| 30        | 3          |
| 60        | 6          |

3)

| Input (f) | Output (j) |
|-----------|------------|
| 2         | 16         |
| 6         | 48         |
| 4         | 32         |
| 3         | 24         |
| 5         | 40         |

4)

| Input (r) | Output (z) |
|-----------|------------|
| 72        | 65         |
| 64        | 57         |
| 43        | 36         |
| 19        | 12         |
| 48        | 41         |

5)

| Input (u) | Output (z) |
|-----------|------------|
| 2         | 10         |
| 3         | 15         |
| 5         | 25         |
| 6         | 30         |
| 4         | 20         |

6)

| Input (t) | Output (z) |
|-----------|------------|
| 114       | 98         |
| 62        | 46         |
| 73        | 57         |
| 27        | 11         |
| 87        | 71         |

7)

| In (c)  | 4  | 6  | 2 | 5  |
|---------|----|----|---|----|
| Out (r) | 16 | 24 | 8 | 20 |

8)

| In (e)  | 2 | 5  | 4 | 3 |
|---------|---|----|---|---|
| Out (z) | 4 | 10 | 8 | 6 |

9)

| In (f)  | 62 | 35 | 43 | 28 |
|---------|----|----|----|----|
| Out (w) | 74 | 47 | 55 | 40 |

10)

| In (a)  | 18 | 12 | 15 | 6 |
|---------|----|----|----|---|
| Out (f) | 6  | 4  | 5  | 2 |

11)

| In (b)  | 45 | 39 | 87 | 75 |
|---------|----|----|----|----|
| Out (m) | 57 | 51 | 99 | 87 |

12)

| In (e)  | 80 | 23 | 15 | 99  |
|---------|----|----|----|-----|
| Out (v) | 94 | 37 | 29 | 113 |

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 (k) | Output (u) |
|-----------|------------|
| 72        | 80         |
| 40        | 48         |
| 36        | 44         |
| 48        | 56         |
| 38        | 46         |

$k + 8 = u$

2)

| Input (k) | Output (m) |
|-----------|------------|
| 40        | 4          |
| 50        | 5          |
| 20        | 2          |
| 30        | 3          |
| 60        | 6          |

$k \div 10 = m$

3)

| Input (f) | Output (j) |
|-----------|------------|
| 2         | 16         |
| 6         | 48         |
| 4         | 32         |
| 3         | 24         |
| 5         | 40         |

$f \times 8 = j$

4)

| Input (r) | Output (z) |
|-----------|------------|
| 72        | 65         |
| 64        | 57         |
| 43        | 36         |
| 19        | 12         |
| 48        | 41         |

$r - 7 = z$

5)

| Input (u) | Output (z) |
|-----------|------------|
| 2         | 10         |
| 3         | 15         |
| 5         | 25         |
| 6         | 30         |
| 4         | 20         |

$u \times 5 = z$

6)

| Input (t) | Output (z) |
|-----------|------------|
| 114       | 98         |
| 62        | 46         |
| 73        | 57         |
| 27        | 11         |
| 87        | 71         |

$t - 16 = z$

7)

| In (c)  | 4  | 6  | 2 | 5  |
|---------|----|----|---|----|
| Out (r) | 16 | 24 | 8 | 20 |

$c \times 4 = r$

8)

| In (e)  | 2 | 5  | 4 | 3 |
|---------|---|----|---|---|
| Out (z) | 4 | 10 | 8 | 6 |

$e \times 2 = z$

9)

| In (f)  | 62 | 35 | 43 | 28 |
|---------|----|----|----|----|
| Out (w) | 74 | 47 | 55 | 40 |

$f + 12 = w$

10)

| In (a)  | 18 | 12 | 15 | 6 |
|---------|----|----|----|---|
| Out (f) | 6  | 4  | 5  | 2 |

$a \div 3 = f$

11)

| In (b)  | 45 | 39 | 87 | 75 |
|---------|----|----|----|----|
| Out (m) | 57 | 51 | 99 | 87 |

$b + 12 = m$

12)

| In (e)  | 80 | 23 | 15 | 99  |
|---------|----|----|----|-----|
| Out (v) | 94 | 37 | 29 | 113 |

$e + 14 = v$

Answers

1.  $k + 8 = u$

2.  $k \div 10 = m$

3.  $f \times 8 = j$

4.  $r - 7 = z$

5.  $u \times 5 = z$

6.  $t - 16 = z$

7.  $c \times 4 = r$

8.  $e \times 2 = z$

9.  $f + 12 = w$

10.  $a \div 3 = f$

11.  $b + 12 = m$

12.  $e + 14 = v$