



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.  $s \times 3 = e$