



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. \_\_\_\_\_



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| 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.  $a \div 6 = d$



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| 4         | 28         |
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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         |
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7)

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

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| 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. \_\_\_\_\_