

# Futoshiki 1 · large

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
|   | > |   |   | > |   | 4 |   |
|   |   |   | ^ |   |   | ∨ |   |
|   | > |   | > |   |   |   |   |
|   |   |   |   | ∨ |   |   |   |
|   |   | 6 | > |   |   |   | 2 |
|   |   | ∨ |   | ^ |   |   | ∨ |
|   | < | 6 | 4 | > |   | < |   |
|   | ∨ |   | ^ |   | ∨ |   |   |
| 4 |   |   |   |   |   | 2 |   |
|   |   | ^ |   | ^ |   | ^ |   |
| 3 | 4 | > |   |   |   |   | < |

Difficulty: Large

# Futoshiki 2 · large

|          |          |          |          |   |  |   |          |          |          |
|----------|----------|----------|----------|---|--|---|----------|----------|----------|
|          | >        |          |          | < |  | > |          |          | <b>2</b> |
|          | <        | <b>6</b> | <b>2</b> | > |  |   |          |          |          |
| ^        |          |          | ∨        |   |  |   |          | ^        |          |
|          |          |          | <        |   |  |   | >        | <b>3</b> |          |
|          |          |          | ^        |   |  |   |          | ∨        |          |
|          | <b>1</b> | <        |          |   |  |   |          | <b>6</b> |          |
|          |          |          | ^        |   |  | ^ |          | ^        |          |
| <b>4</b> |          | >        |          |   |  |   |          |          |          |
| ^        |          |          | ∨        |   |  |   |          | ^        |          |
| <b>3</b> | <        |          | >        |   |  | < | <b>6</b> | >        |          |

Difficulty: Large

# Futoshiki 3 · large

|          |          |          |   |   |          |          |          |
|----------|----------|----------|---|---|----------|----------|----------|
|          |          | <        |   | < |          |          |          |
| ^        |          |          |   |   | ∨        |          |          |
|          |          | >        |   | > |          |          |          |
| ^        |          |          |   |   |          |          |          |
| <b>1</b> |          | <        |   |   | <b>3</b> |          |          |
|          | ∨        |          |   | ∨ |          | ^        |          |
|          | <        |          | > | < |          | <b>2</b> |          |
| ^        | ^        |          |   | ∨ |          |          |          |
| <b>3</b> | <b>2</b> | <        |   |   | <b>6</b> | >        |          |
|          | ∨        |          |   |   | ^        | ∨        |          |
| <b>4</b> | >        | <b>3</b> |   | < |          |          | <b>5</b> |

Difficulty: Large

# Futoshiki 4 · large

|          |  |   |          |   |          |          |  |   |   |
|----------|--|---|----------|---|----------|----------|--|---|---|
|          |  | > |          | < | <b>3</b> |          |  | < |   |
| ^        |  |   | ∨        |   |          |          |  |   |   |
|          |  | < | <b>6</b> |   |          |          |  |   |   |
|          |  |   |          |   | ∨        |          |  |   | ∨ |
| <b>5</b> |  | > |          | < | <b>4</b> | <b>2</b> |  | < |   |
| ^        |  |   |          |   |          | ∨        |  |   |   |
|          |  |   | <        |   | <b>5</b> |          |  |   |   |
|          |  | ∨ |          |   |          | ∨        |  | ^ |   |
| <b>3</b> |  | < |          | > | <b>1</b> | <b>4</b> |  | > |   |
| ∨        |  | ^ |          |   | ∨        |          |  | ^ |   |
|          |  |   |          |   |          |          |  |   |   |

Difficulty: Large

# Futoshiki 5 · large

|          |          |          |   |   |          |          |
|----------|----------|----------|---|---|----------|----------|
|          | <b>2</b> |          |   |   | >        | <b>3</b> |
| ^        |          | ^        |   |   |          | v        |
| <b>4</b> | >        |          | < |   | <        |          |
| v        |          | ^        |   | ^ |          | ^        |
|          | >        | <b>4</b> | > |   | <b>3</b> | >        |
|          |          |          |   |   |          |          |
|          |          | <b>3</b> |   |   |          |          |
| v        |          |          |   |   |          | v        |
|          |          | <b>2</b> |   | > |          | <b>4</b> |
|          |          |          |   |   |          |          |
|          |          | <        |   | < | >        | <b>2</b> |

Difficulty: Large

# Futoshiki 6 · large

|          |   |          |   |          |          |   |   |          |
|----------|---|----------|---|----------|----------|---|---|----------|
|          | < |          |   | >        |          | < |   |          |
|          |   | ^        |   |          | ∨        |   |   | ^        |
|          |   |          |   |          | <        |   | > |          |
|          |   |          |   | ∨        |          | ^ |   |          |
|          |   | <b>5</b> | > | <b>2</b> |          |   |   | <b>1</b> |
| ^        |   |          |   | ∨        |          | ^ |   | ∨        |
| <b>3</b> |   |          |   |          |          |   | < | <b>6</b> |
|          |   | ^        |   | ∨        |          | ∨ |   |          |
|          | > |          |   |          | <b>6</b> |   |   |          |
|          |   |          |   |          |          |   | ∨ |          |
| <b>1</b> |   | <b>3</b> |   | >        |          | < |   | <        |
|          |   |          |   |          |          |   |   | <b>5</b> |

Difficulty: Large

# Futoshiki 7 · large

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
|   |   |   |   | 2 | < |   |
| ∨ |   |   |   | ∨ |   |   |
|   | 6 | > |   | 3 |   | 2 |
|   | ^ |   |   |   |   |   |
|   |   | 5 |   | > | > | 1 |
| ^ | ^ | ^ |   | ∨ |   |   |
|   | 1 | < |   | < | > | 4 |
| ∨ |   |   |   | ^ |   |   |
|   | > | > | < | < |   |   |
| ^ |   |   | ∨ |   |   |   |
|   | 5 |   |   | > | < |   |

Difficulty: Large

# Futoshiki 8 · large

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
|   | 4 |   | < |   | > |   | > | 1 |
| ^ |   |   |   | ^ |   |   |   |   |
|   |   |   |   |   | 5 | < |   |   |
| ∨ |   |   | ^ |   |   |   |   | ^ |
| 4 | > |   |   |   |   |   |   |   |
| ^ |   | ∨ |   | ^ |   |   |   |   |
| 2 | < |   | > | 4 |   | > |   | 3 |
|   | ^ |   |   |   |   |   |   | ^ |
|   | > |   | 3 | > | 1 |   |   |   |
|   |   |   | ∨ |   | ^ |   | ∨ |   |
|   |   |   | > |   |   |   |   |   |

Difficulty: Large

# Futoshiki 9 · large

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 1 |   | > |   | < |   |   | < |   |
|   |   | ∨ |   | ∨ |   | ∨ |   |   |
|   | < |   | 1 | 4 |   |   |   |   |
|   |   | ∨ |   | ∧ |   | ∧ |   |   |
|   | 6 | > |   | > | 1 |   |   |   |
| ∧ |   |   |   |   |   |   | ∨ |   |
|   |   |   |   | > |   | > |   |   |
| ∨ |   | ∧ |   | ∨ |   | ∨ |   | ∧ |
|   | 2 |   | < | 5 |   |   |   |   |
| ∧ |   | ∨ |   |   |   |   |   |   |
| 2 |   |   |   |   | 3 |   |   |   |

Difficulty: Large

# Futoshiki 10 · large

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| 5 |   |   | 4 | < |   |   |
|   |   | 2 | < |   | ^ |   |
|   |   |   |   |   |   | 6 |
| ∨ | ∨ | ∨ | ^ | ^ |   |   |
|   | > |   | 4 | 2 | > |   |
|   | ^ | ∨ |   |   |   | ^ |
| 2 |   | 6 |   | < |   | > |
|   | ^ |   |   | ^ |   |   |
|   | < |   | < |   | < |   |
|   | < | > | > |   | < | 4 |

Difficulty: Large

# Futoshiki 1 · large — answer

|   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | > | 1 |   | 5 | > | 2 |   | 4 |   | 3 |
|   |   |   |   | ^ |   |   |   | ∨ |   |   |
| 5 | > | 2 | > | 1 |   | 3 |   | 6 |   | 4 |
|   |   |   |   |   |   | ∨ |   |   |   |   |
| 1 |   | 3 |   | 6 | > | 4 |   | 5 |   | 2 |
|   |   | ∨ |   |   |   | ^ |   |   |   | ∨ |
| 2 | < | 6 |   | 4 | > | 1 | < | 3 | < | 5 |
| ∨ |   | ^ |   | ^ |   | ∨ |   |   |   |   |
| 4 |   | 5 |   | 3 |   | 6 |   | 2 |   | 1 |
|   |   | ^ |   | ^ |   |   |   | ^ |   |   |
| 3 |   | 4 | > | 2 |   | 5 |   | 1 | < | 6 |

Difficulty: Large

# Futoshiki 2 · large — answer

|   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | > | 4 |   | 3 | < | 5 | > | 1 |   | 2 |
| 5 | < | 6 |   | 2 | > | 1 |   | 3 |   | 4 |
| ^ |   |   |   | v |   |   |   |   |   | ^ |
| 1 |   | 2 | < | 6 |   | 4 |   | 5 | > | 3 |
|   |   |   |   | ^ |   |   |   |   |   | v |
| 2 |   | 1 | < | 5 |   | 3 |   | 4 |   | 6 |
|   |   |   |   | ^ |   |   |   | ^ |   | ^ |
| 4 |   | 3 | > | 1 |   | 6 |   | 2 |   | 5 |
| ^ |   |   |   | v |   |   |   |   |   | ^ |
| 3 | < | 5 | > | 4 |   | 2 | < | 6 | > | 1 |

Difficulty: Large

# Futoshiki 3 · large — answer

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| 6 | 1 | < | 4 | < | 5 | 2 | 3 |
| ^ |   |   |   |   |   | ∨ |   |
| 2 | 4 | > | 3 | > | 1 | 5 | 6 |
| ^ |   |   |   |   |   |   |   |
| 1 | 5 | < | 6 | 2 | 3 |   | 4 |
|   | ∨ |   |   | ∨ |   |   | ^ |
| 5 | < | 6 | > | 1 | < | 3 | 4 |
| ^ | ^ |   |   | ∨ |   |   |   |
| 3 | 2 | < | 5 | 4 | 6 | > | 1 |
|   | ∨ |   |   |   | ^ |   | ∨ |
| 4 | > | 3 | 2 | < | 6 | 1 | 5 |

Difficulty: Large

# Futoshiki 4 · large — answer

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 6 | 4 | > | 2 | < | 3 |   | 1 | < | 5 |
| ^ | ∨ |   |   |   |   |   |   |   |   |
| 2 | < | 6 | 3 | 1 | 5 |   | 4 |   |   |
|   |   |   |   | ∨ |   |   |   | ∨ |   |
| 5 | > | 1 | < | 4 | 2 | 3 | < | 6 |   |
| ^ |   |   |   |   |   | ∨ |   |   |   |
| 1 | 2 | < | 6 | 5 | 4 | 3 |   |   |   |
|   | ∨ |   |   |   | ∨ |   | ^ |   |   |
| 3 | < | 5 | > | 1 | 4 | 6 | > | 2 |   |
| ∨ | ^ |   |   | ∨ |   |   | ^ |   |   |
| 4 | 3 | 5 | 6 | 2 | 1 |   |   |   |   |

Difficulty: Large

# Futoshiki 5 · large — answer

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 5 | 2 | 6 | 1 | 4 | > | 3 |   |   |   |
| ^ |   | ^ |   |   |   | ∨ |   |   |   |
| 4 | > | 1 | < | 5 | 2 | < | 3 | 6 |   |
| ∨ |   | ^ |   | ^ |   | ^ |   | ^ |   |
| 6 | > | 4 | > | 1 | 3 | > | 2 | < | 5 |
|   |   | ∨ |   | ∨ |   |   |   |   |   |
| 2 | 6 | 3 | 4 | 5 | 1 |   |   |   |   |
| ∨ |   |   |   |   | ∨ |   |   |   |   |
| 3 | 5 | 2 | 6 | > | 1 |   |   |   | 4 |
|   |   | ∨ |   |   |   |   |   |   |   |
| 1 | 3 | < | 4 | 5 | < | 6 | > | 2 |   |

Difficulty: Large

# Futoshiki 6 · large — answer

|   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | < | 6 |   | 3 | > | 1 | < | 5 |   | 4 |
|   |   | ^ |   |   |   | ∨ |   |   |   | ^ |
| 5 |   | 4 |   | 1 |   | 3 | < | 6 | > | 2 |
|   |   |   |   |   |   | ∨ |   | ^ |   |   |
| 6 |   | 5 | > | 2 |   | 4 |   | 3 |   | 1 |
|   |   | ^ |   |   |   | ∨ |   | ^ |   | ∨ |
| 3 |   | 2 |   | 4 |   | 5 |   | 1 | < | 6 |
|   |   | ^ |   | ∨ |   |   |   | ∨ |   |   |
| 4 | > | 1 |   | 5 |   | 6 |   | 2 |   | 3 |
|   |   |   |   |   |   |   |   |   |   | ∨ |
| 1 |   | 3 |   | 6 | > | 2 | < | 4 | < | 5 |

Difficulty: Large

# Futoshiki 7 · large — answer

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3 | 6 | 4 | 2 | < | 5 |   |   |   |
| ∨ |   |   |   | ∨ |   |   |   |   |   |
| 5 | 6 | > | 4 | 1 | 3 | 2 |   |   |   |
|   | ∧ |   |   |   |   |   |   |   |   |
| 3 | 2 | 5 | 6 | > | 4 | > | 1 |   |   |
| ∧ | ∧ | ∧ |   | ∨ |   |   |   |   |   |
| 2 | 1 | < | 3 | 5 | < | 6 | > | 4 |   |
| ∨ |   |   | ∧ |   |   |   |   |   |   |
| 6 | > | 4 | > | 1 | < | 2 | < | 5 | 3 |
| ∧ |   |   | ∨ |   |   |   |   |   |   |
| 4 | 5 | 2 | 3 | > | 1 | < | 6 |   |   |

Difficulty: Large

# Futoshiki 8 · large — answer

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 3 | 4 | 5 | < | 6 | > | 2 | > | 1 |
| ^ |   |   |   | ^ |   |   |   |   |
| 1 | 3 | 2 |   | 4 |   | 5 | < | 6 |
| ∨ |   | ^ |   |   |   |   |   | ^ |
| 4 | > | 2 |   | 1 |   | 3 |   | 6 |
| ^ |   | ∨ |   |   |   | ^ |   |   |
| 2 | < | 6 | > | 4 |   | 5 | > | 1 |
|   |   | ^ |   |   |   |   |   | ^ |
| 6 | > | 5 |   | 3 | > | 1 |   | 4 |
|   |   |   |   | ∨ |   | ^ |   | ∨ |
| 5 | 1 | 6 | > | 2 |   | 3 |   | 4 |

Difficulty: Large

# Futoshiki 9 · large — answer

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 1 | 4 | > | 2 | < | 3 | 5 | < | 6 |
|   | ∨ |   |   | ∨ |   | ∨ |   |   |
| 3 | < | 5 | 1 | 4 | 6 | 2 |   |   |
|   |   | ∨ |   | ∧ |   | ∧ |   |   |
| 5 | 6 | > | 4 | > | 1 | 2 | 3 |   |
| ∧ |   |   |   |   |   |   | ∨ |   |
| 4 | 3 | 6 | > | 2 | > | 1 | 5 |   |
| ∨ |   | ∧ |   | ∨ |   | ∨ | ∧ |   |
| 6 | 2 | 3 | < | 5 | 4 | 1 |   |   |
| ∧ |   | ∨ |   |   |   |   |   |   |
| 2 | 1 | 5 | 6 | 3 | 4 |   |   |   |

Difficulty: Large

# Futoshiki 10 · large — answer

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 5 | 3 | 1 | 4 | < | 6 | 2 |   |   |   |
|   |   |   |   |   | ^ |   |   |   |   |
| 4 | 1 | 2 | < | 5 | 3 | 6 |   |   |   |
| ∨ | ∨ | ∨ | ^ | ^ |   |   |   |   |   |
| 6 | > | 5 | 4 | 2 | > | 1 | 3 |   |   |
|   | ^ | ∨ |   |   |   | ^ |   |   |   |
| 2 | 4 | 6 | 3 | < | 5 | > | 1 |   |   |
|   | ^ |   |   | ^ |   |   |   |   |   |
| 1 | < | 2 | 3 | < | 6 | 4 | < | 5 |   |
| 3 | < | 6 | > | 5 | > | 1 | 2 | < | 4 |

Difficulty: Large