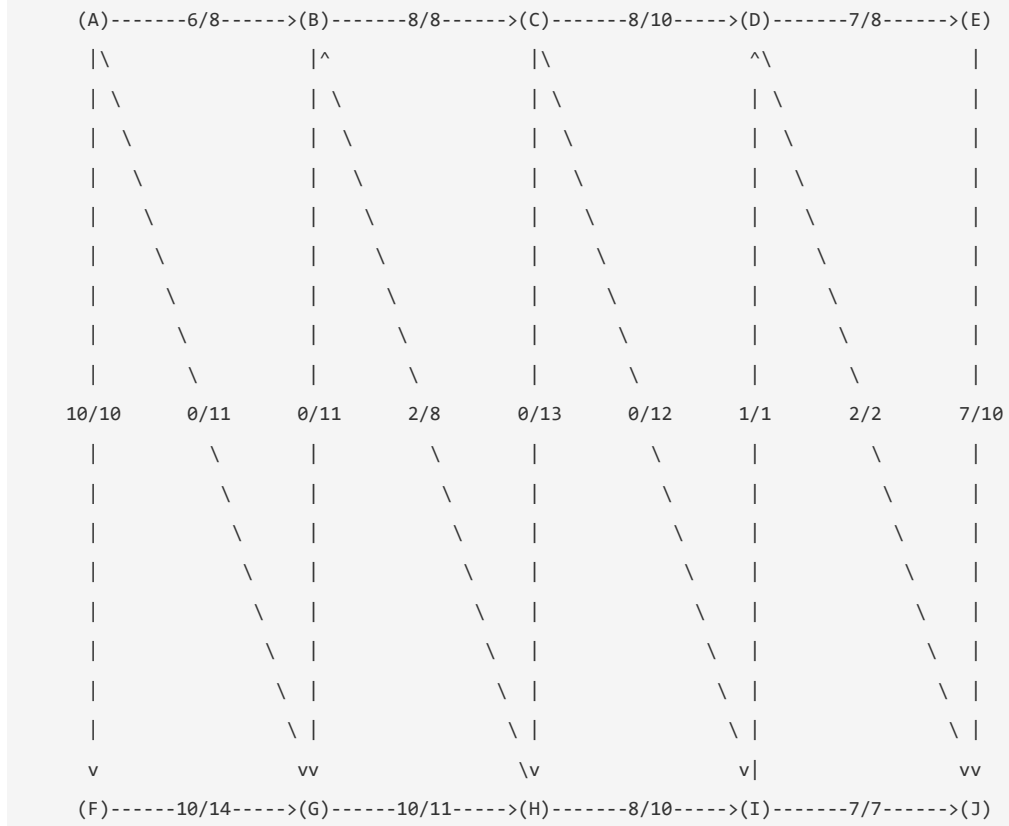
Maxflow and Mincut

Question 1

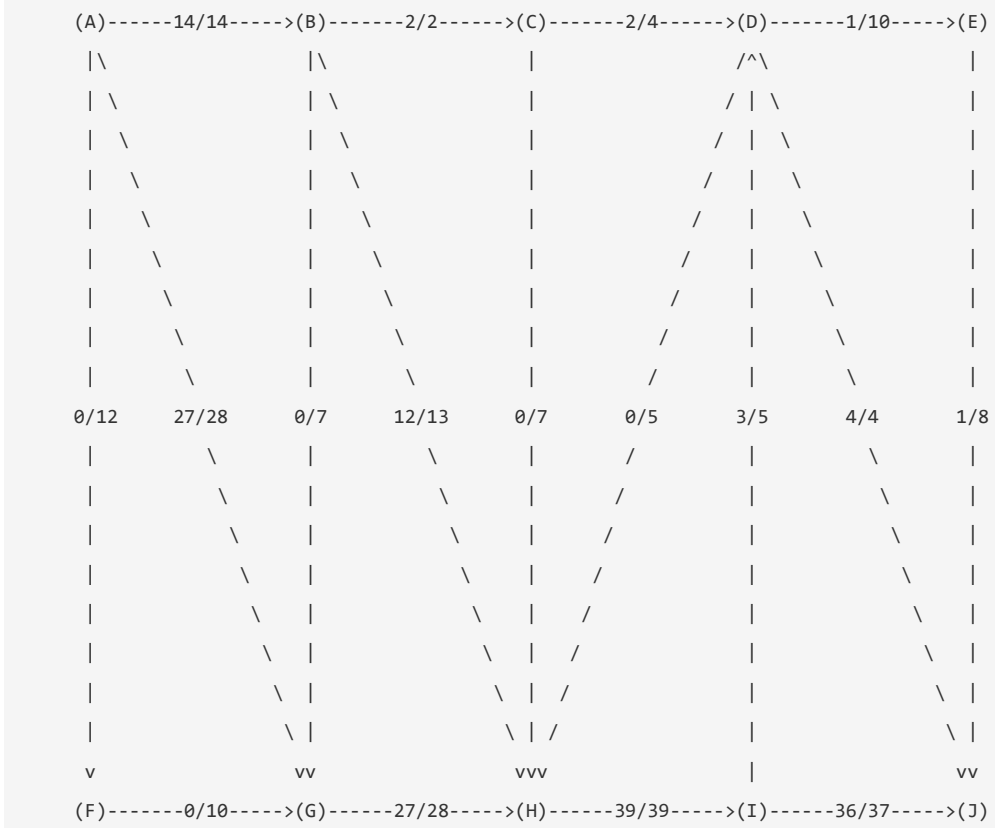


The flow given above is a maxflow from A to J. What is the corresponding mincut? List the vertices on the s side of mincut in alphabetical order.

Question Explanation

```
min cut:         A B F G H I
value of flow:   16
capacity of cut: 16
```

Question 2

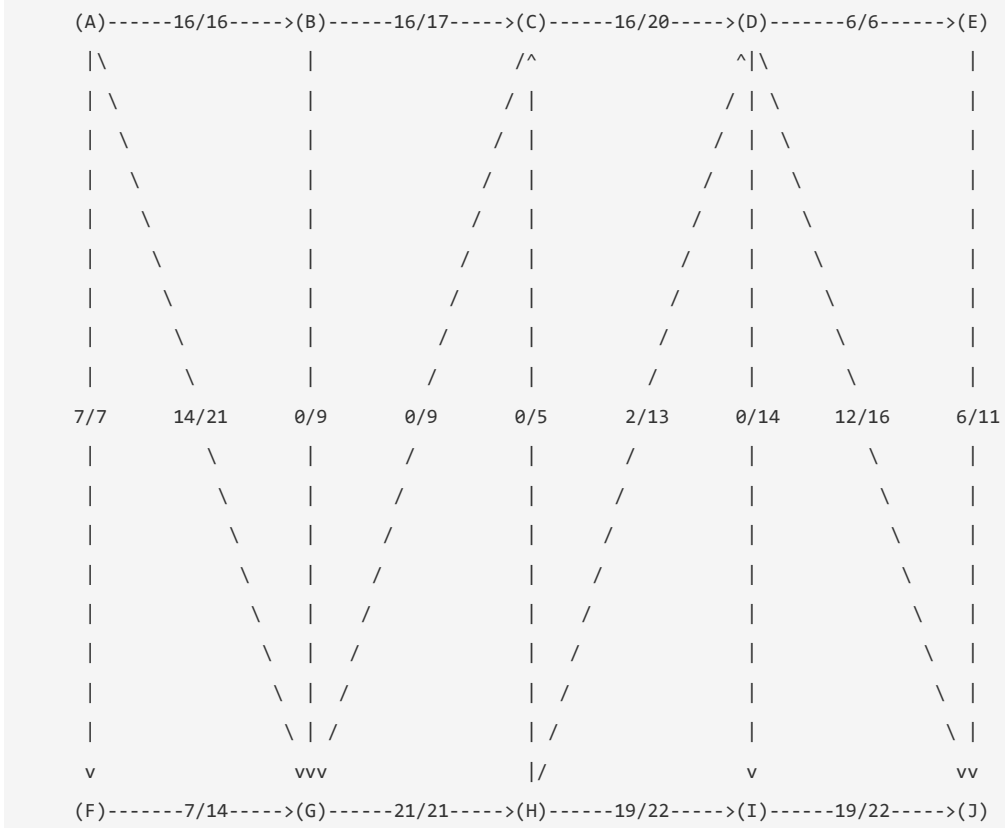


The flow given above is a maxflow from A to J. What is the corresponding mincut? List the vertices on the s side of mincut in alphabetical order.

Question Explanation

```
min cut:         A B F G H
value of flow:   41
capacity of cut: 41
```

Question 3

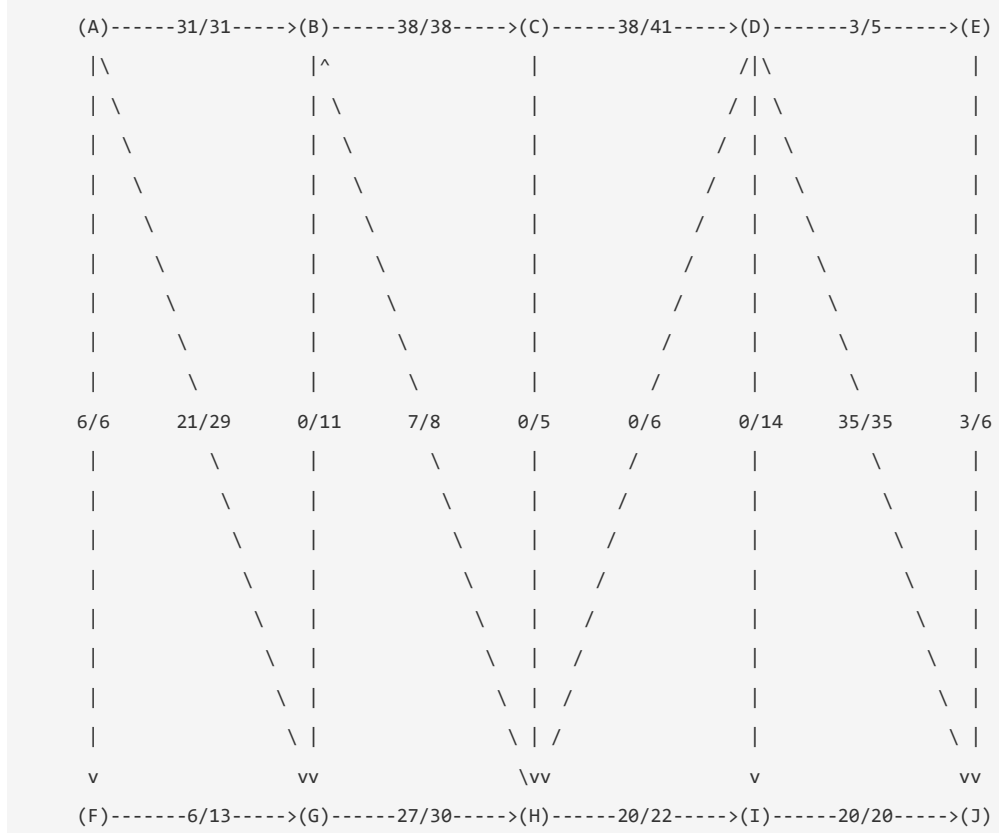


The flow given above is a maxflow from A to J. What is the corresponding mincut? List the vertices on the s side of mincut in alphabetical order.

Question Explanation

```
min cut:         A F G
value of flow:   37
capacity of cut: 37
```

Question 4

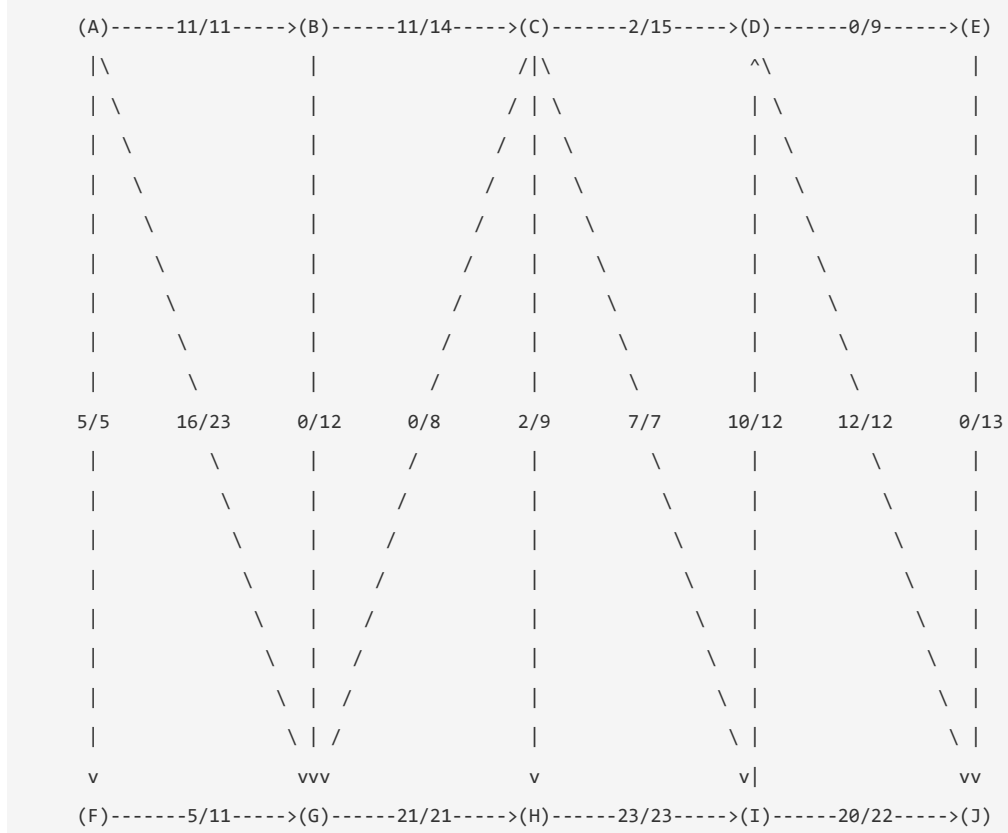


The flow given above is a maxflow from A to J. What is the corresponding mincut? List the vertices on the s side of mincut in alphabetical order.

Question Explanation

```
min cut:         A B F G H I
value of flow:   58
capacity of cut: 58
```

Question 5

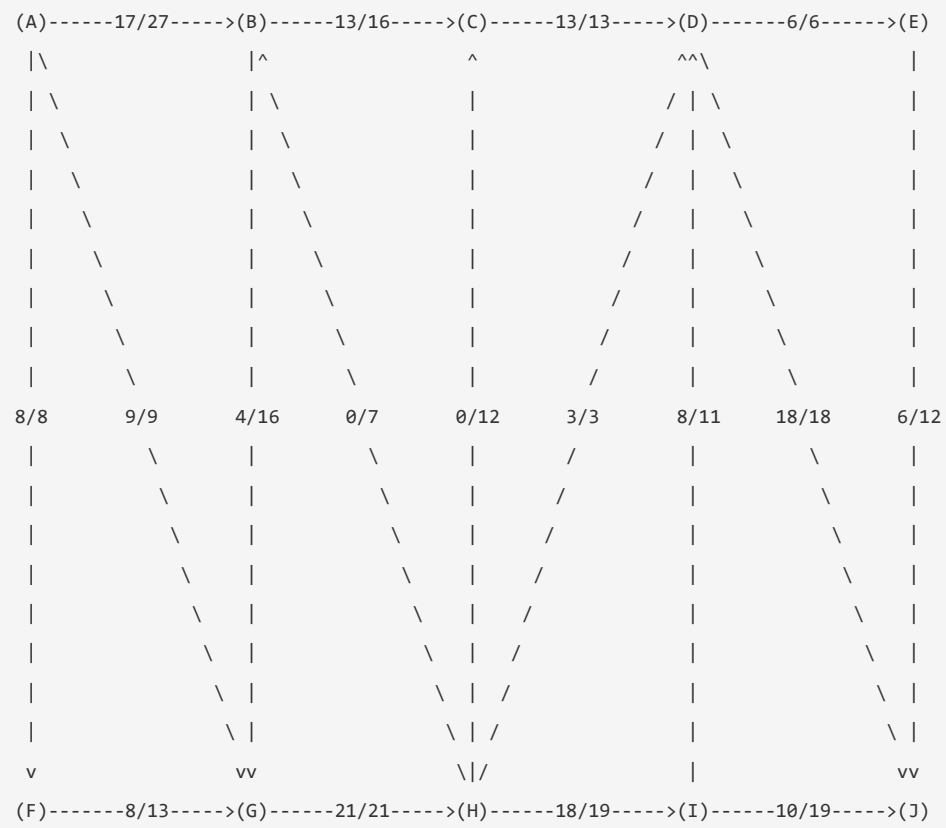


The flow given above is a maxflow from A to J. What is the corresponding mincut? List the vertices on the s side of mincut in alphabetical order.

Question Explanation

```
min cut:         A F G
value of flow:   32
capacity of cut: 32
```

Question 6

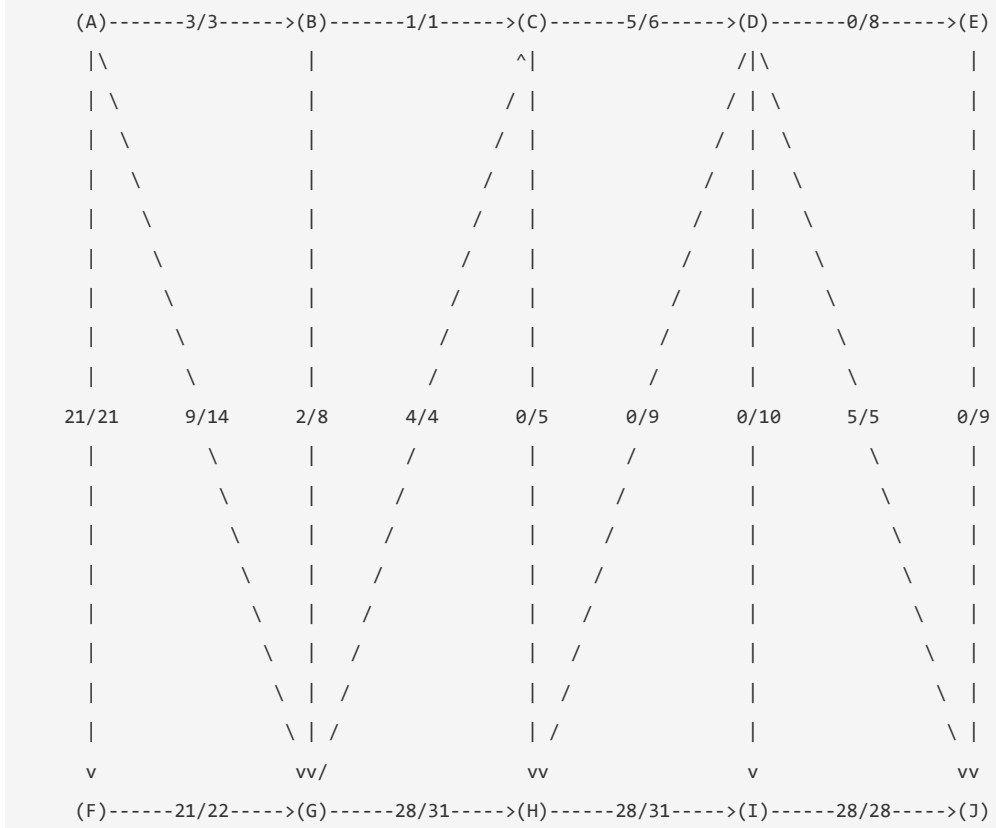


The flow given above is a maxflow from A to J. What is the corresponding mincut? List the vertices on the s side of mincut in alphabetical order.

Question Explanation

```
min cut:         A B C F G
value of flow:   34
capacity of cut: 34
```

Question 7

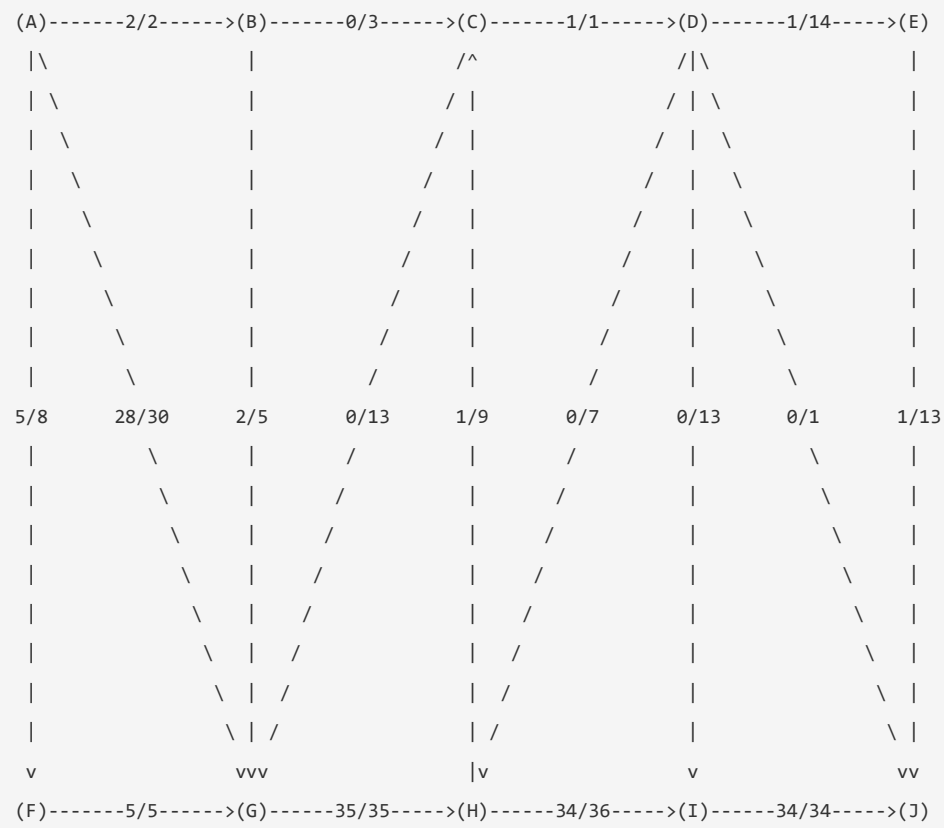


The flow given above is a maxflow from A to J. What is the corresponding mincut? List the vertices on the s side of mincut in alphabetical order.

Question Explanation

```
min cut:         A B F G H I
value of flow:   33
capacity of cut: 33
```

Question 8

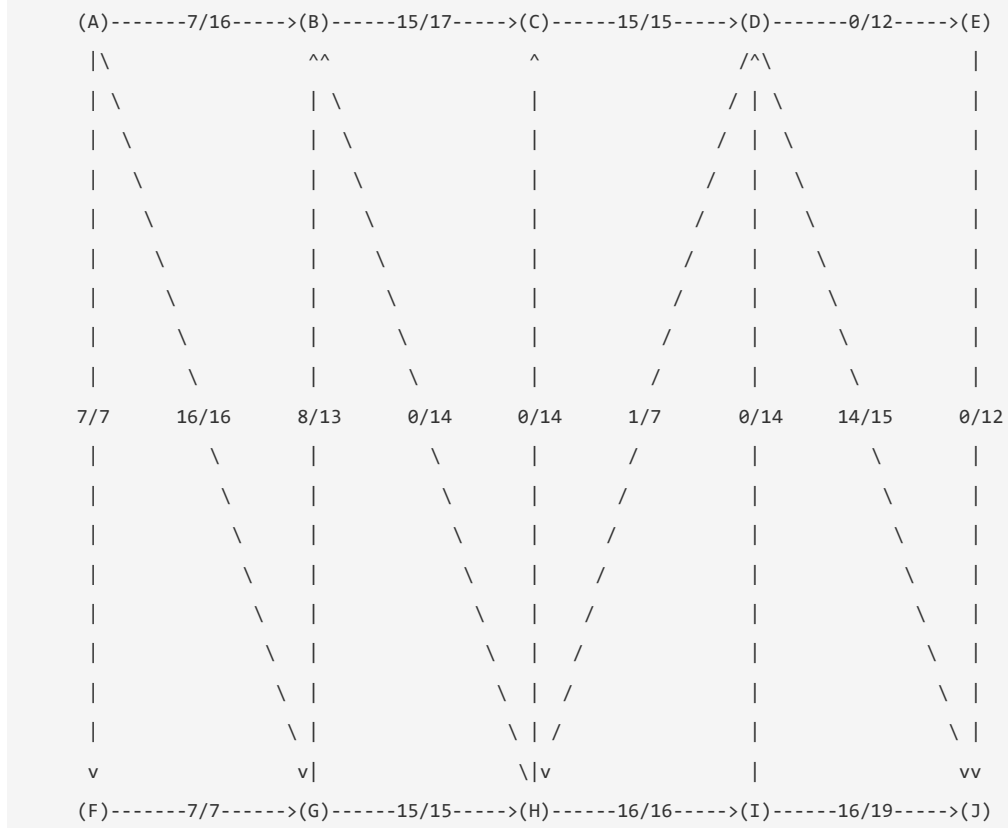


The flow given above is a maxflow from A to J. What is the corresponding mincut? List the vertices on the s side of mincut in alphabetical order.

Question Explanation

```
min cut:         A B C F G H I
value of flow:   35
capacity of cut: 35
```

Question 9

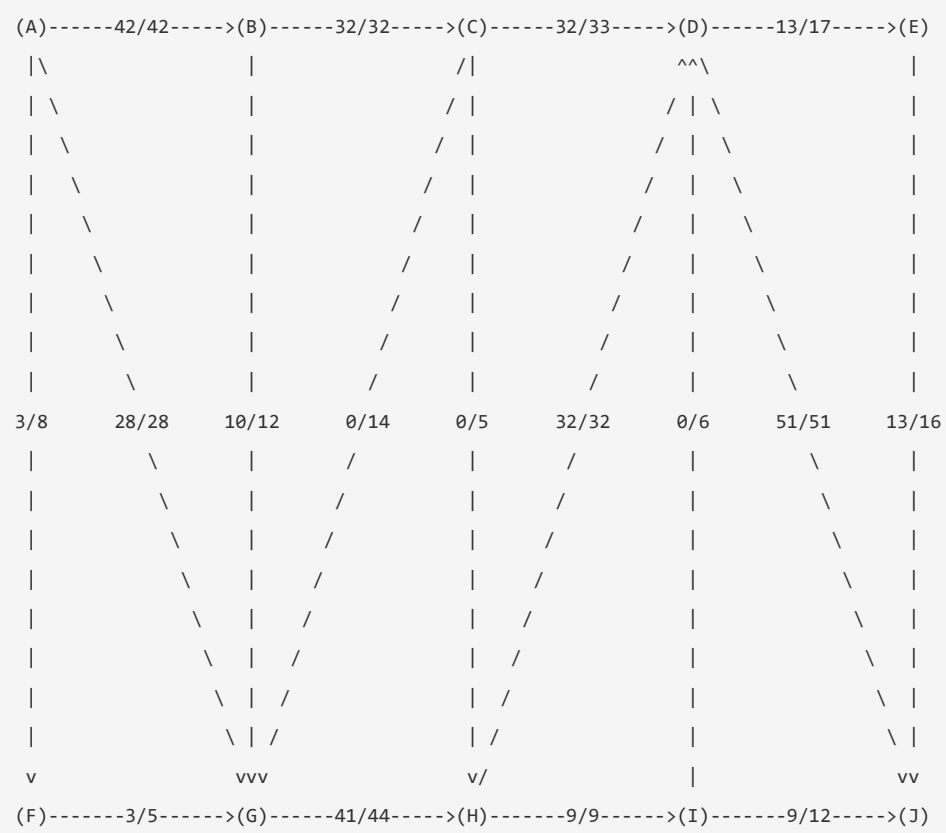


The flow given above is a maxflow from A to J. What is the corresponding mincut? List the vertices on the s side of mincut in alphabetical order.

Question Explanation

```
min cut:         A B C F G
value of flow:   30
capacity of cut: 30
```

Question 10

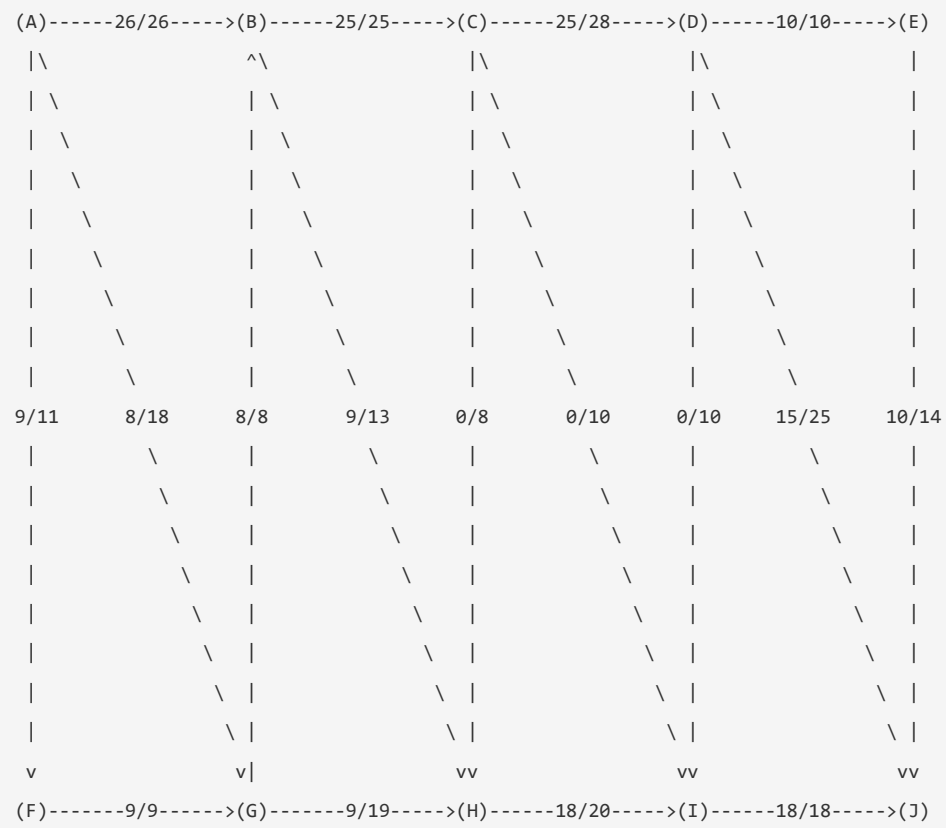


The flow given above is a maxflow from A to J. What is the corresponding mincut? List the vertices on the s side of mincut in alphabetical order.

Question Explanation

```
min cut:         A B F G H
value of flow:   73
capacity of cut: 73
```

Question 11

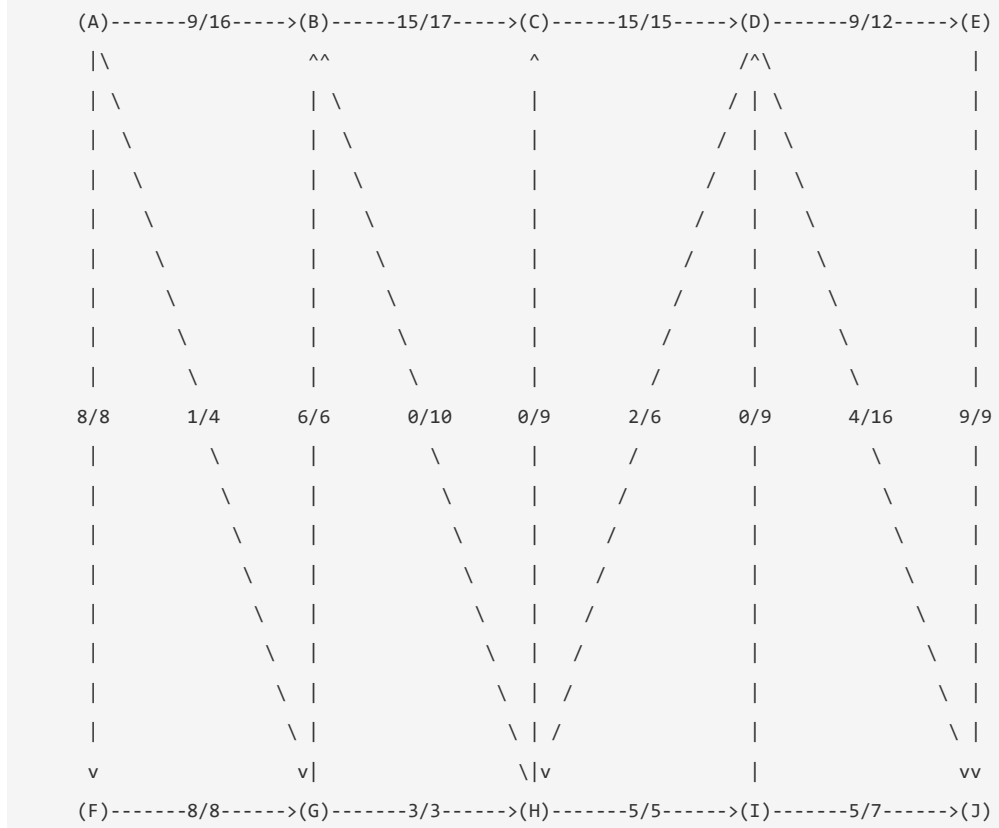


The flow given above is a maxflow from A to J. What is the corresponding mincut? List the vertices on the s side of mincut in alphabetical order.

Question Explanation

```
min cut:         A B F G H I
value of flow:   43
capacity of cut: 43
```

Question 12

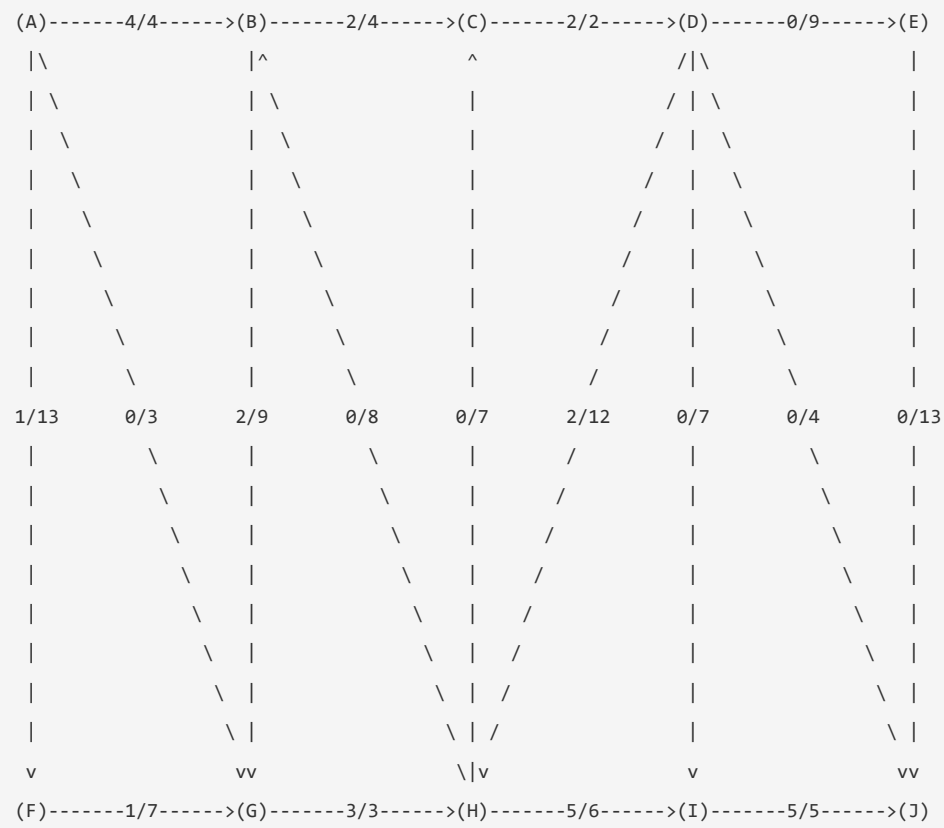


The flow given above is a maxflow from A to J. What is the corresponding mincut? List the vertices on the s side of mincut in alphabetical order.

Question Explanation

```
min cut:         A B C F G
value of flow:   18
capacity of cut: 18
```

Question 13

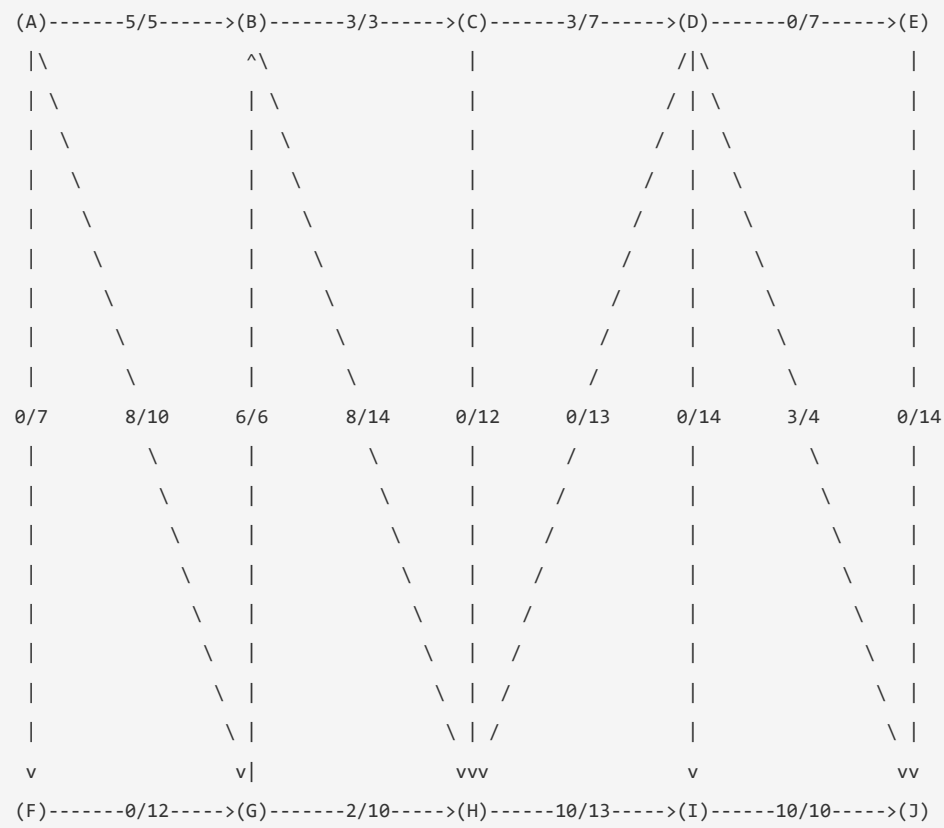


The flow given above is a maxflow from A to J. What is the corresponding mincut? List the vertices on the s side of mincut in alphabetical order.

Question Explanation

```
min cut:         A B C F G
value of flow:   5
capacity of cut: 5
```

Question 14

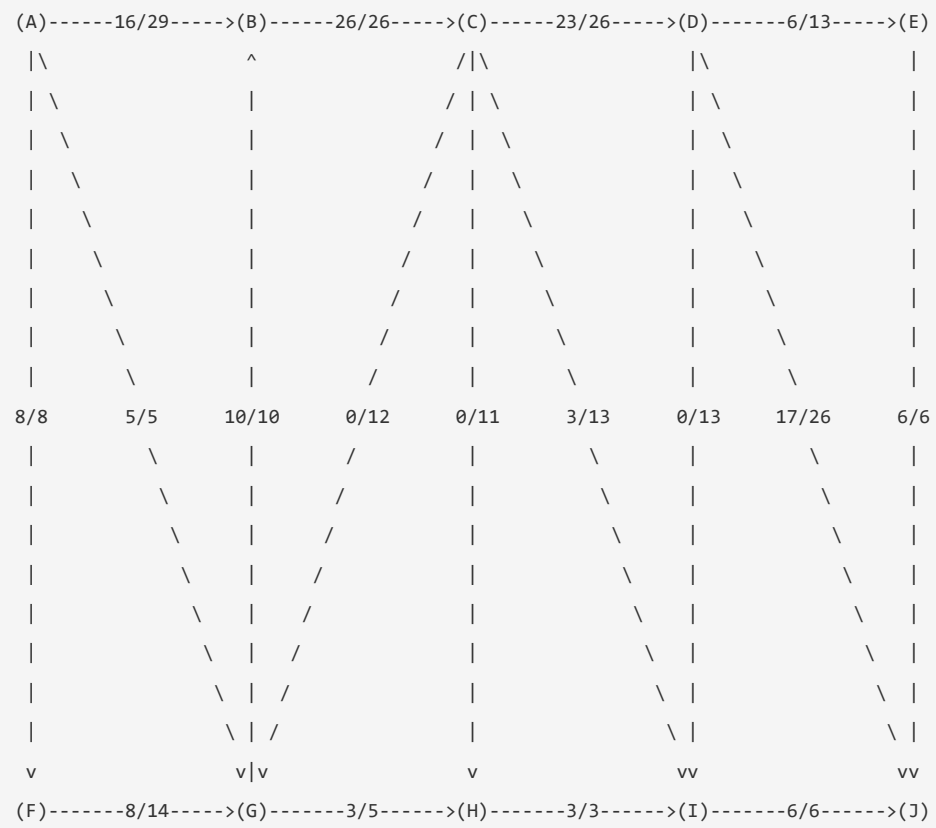


The flow given above is a maxflow from A to J. What is the corresponding mincut? List the vertices on the s side of mincut in alphabetical order.

Question Explanation

```
min cut:         A B F G H I
value of flow:   13
capacity of cut: 13
```

Question 15

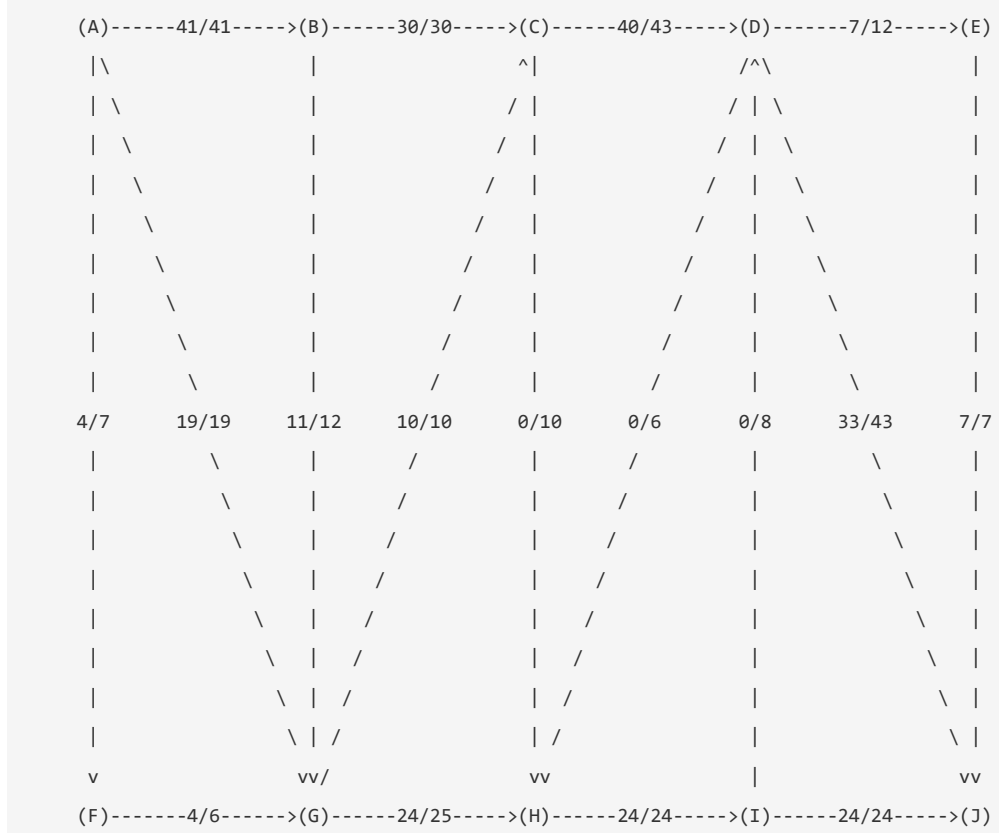


The flow given above is a maxflow from A to J. What is the corresponding mincut? List the vertices on the s side of mincut in alphabetical order.

Question Explanation

```
min cut:         A B F G H
value of flow:   29
capacity of cut: 29
```

Question 16

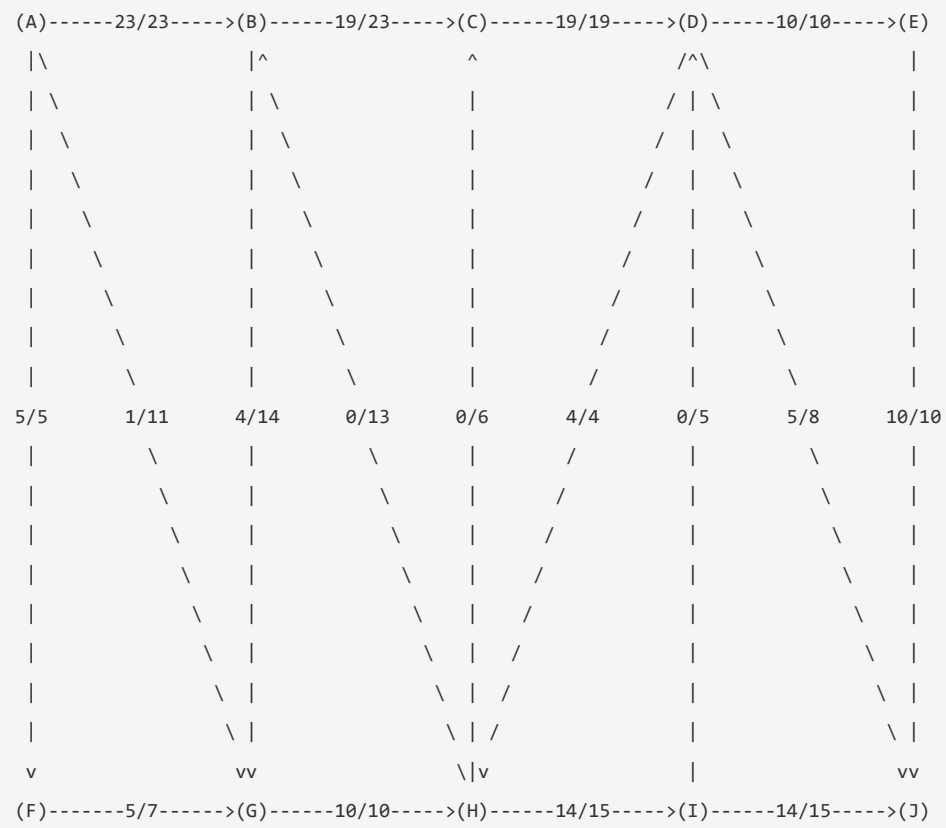


The flow given above is a maxflow from A to J. What is the corresponding mincut? List the vertices on the s side of mincut in alphabetical order.

Question Explanation

```
min cut:         A B F G H
value of flow:   64
capacity of cut: 64
```

Question 17

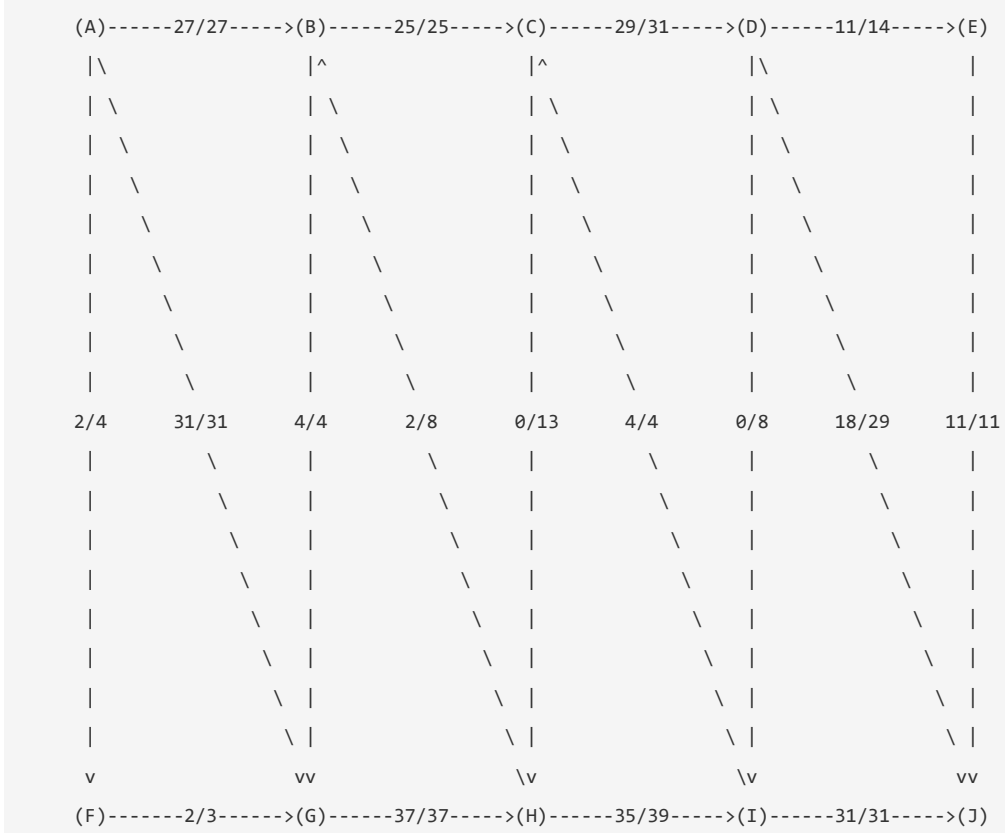


The flow given above is a maxflow from A to J. What is the corresponding mincut? List the vertices on the s side of mincut in alphabetical order.

Question Explanation

```
min cut:         A B C F G
value of flow:   29
capacity of cut: 29
```

Question 18

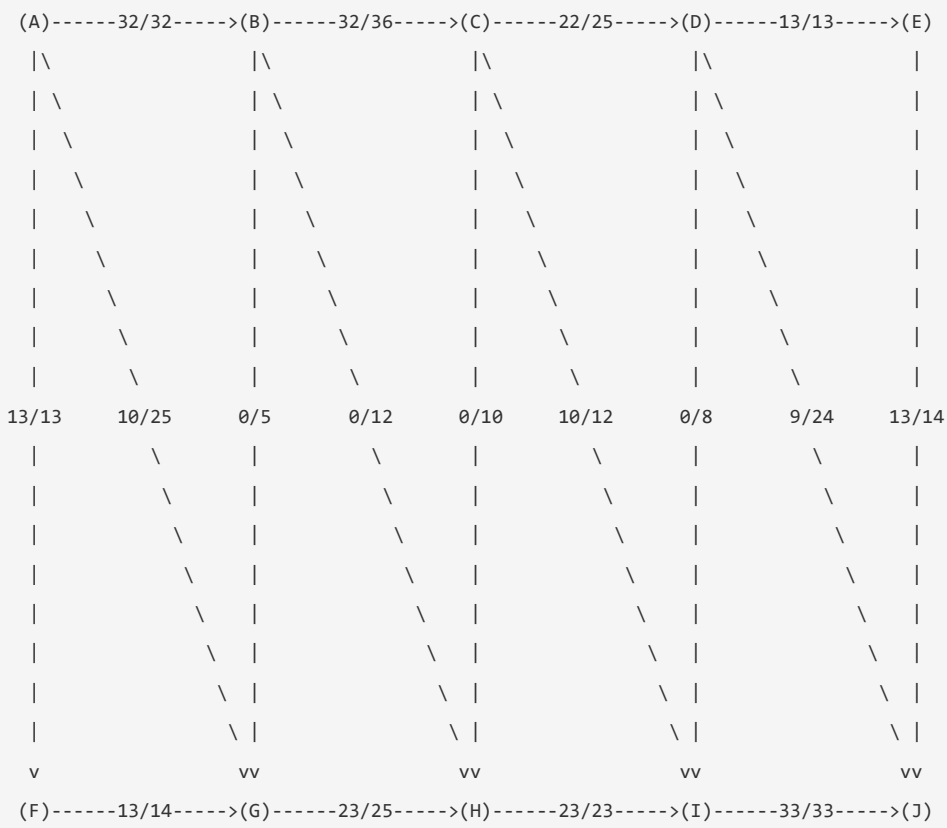


The flow given above is a maxflow from A to J. What is the corresponding mincut? List the vertices on the s side of mincut in alphabetical order.

Question Explanation

```
min cut:         A B F G H I
value of flow:   60
capacity of cut: 60
```

Question 19



The flow given above is a maxflow from A to J. What is the corresponding mincut? List the vertices on the s side of mincut in alphabetical order.

Question Explanation

```
min cut:         A F G H
value of flow:   55
capacity of cut: 55
```