Solutions to p1, p2, p3

Solution to p1

===========================

Search Succeeds

Efficiency 0.23529412

Solution Path

has state

1 0 3

4 2 6

7 5 8

has state

1 2 3

4 0 6

7 5 8

has state

1 2 3

4 5 6

7 0 8

has state

1 2 3

4 5 6

7 8 0

Solution to p2

===========================

Search Succeeds

Efficiency 0.118644066

Solution Path

has state

4 1 3

7 2 5

0 8 6

has state

4 1 3

0 2 5

7 8 6

has state

0 1 3

4 2 5

7 8 6

has state

1 0 3

4 2 5

7 8 6

has state

1 2 3

4 0 5

7 8 6

has state

1 2 3

4 5 0

7 8 6

has state

1 2 3

4 5 6

7 8 0

Solution to p3

===========================

Search Succeeds

Efficiency 0.040723983

Solution Path

has state

2 3 6

1 5 8

4 7 0

has state

2 3 6

1 5 0

4 7 8

has state

2 3 0

1 5 6

4 7 8

has state

2 0 3

1 5 6

4 7 8

has state

0 2 3

1 5 6

4 7 8

has state

1 2 3

0 5 6

4 7 8

has state

1 2 3

4 5 6

0 7 8

has state

1 2 3

4 5 6

7 0 8

has state

1 2 3

4 5 6

7 8 0