Test 3 10x10

Original Map

s 0 0 0 0 1 0 0 1 0

0 1 0 1 0 1 0 0 0 0

0 0 0 1 0 1 1 0 1 0

0 1 0 1 0 0 1 0 1 0

0 1 0 1 0 1 1 0 1 0

0 1 0 1 0 1 0 0 0 0

0 1 0 1 0 0 0 0 0 0

1 0 0 0 0 1 0 0 1 0

0 0 0 1 1 0 1 1 0 0

0 1 1 1 1 0 0 0 e 1

Added in new antGroup 0

A1 trails count: 29 A2 trails count: 75 A3 trails count: 25 A4 trails count: 63 A5 trails count: 37 A6 trails count: 23 A7 trails count: 127 A8 trails count: 33 A9 trails count: 37 A10 trails count: 21

Ant Trail Min Size is: 21 Found at Ant10

Best Ant has size: 21, and has a path of:

s x x x x 1 0 0 1 0

0 1 0 1 x 1 0 0 0 0

0 0 0 1 x 1 1 0 1 0

0 1 0 1 x 0 1 0 1 0

0 1 0 1 x 1 1 0 1 0

0 1 0 1 x 1 x x x 0

0 1 0 1 x x x 0 x x

1 0 0 0 0 1 0 0 1 x

0 0 0 1 1 0 1 1 x x

0 1 1 1 1 0 0 0 e 1

Added in new antGroup 1

A1 trails count: 23 A2 trails count: 49 A3 trails count: 47 A4 trails count: 23 A5 trails count: 41 A6 trails count: 33 A7 trails count: 45 A8 trails count: 39 A9 trails count: 29 A10 trails count: 57

Ant Trail Min Size is: 21 Found at Ant10

Best Ant has size: 21, and has a path of:

s x x x x 1 0 0 1 0

0 1 0 1 x 1 0 0 0 0

0 0 0 1 x 1 1 0 1 0

0 1 0 1 x 0 1 0 1 0

0 1 0 1 x 1 1 0 1 0

0 1 0 1 x 1 x x x 0

0 1 0 1 x x x 0 x x

1 0 0 0 0 1 0 0 1 x

0 0 0 1 1 0 1 1 x x

0 1 1 1 1 0 0 0 e 1

Added in new antGroup 2

A1 trails count: 27 A2 trails count: 41 A3 trails count: 33 A4 trails count: 31 A5 trails count: 25 A6 trails count: 33 A7 trails count: 29 A8 trails count: 27 A9 trails count: 33 A10 trails count: 37

Ant Trail Min Size is: 21 Found at Ant10

Best Ant has size: 21, and has a path of:

s x x x x 1 0 0 1 0

0 1 0 1 x 1 0 0 0 0

0 0 0 1 x 1 1 0 1 0

0 1 0 1 x 0 1 0 1 0

0 1 0 1 x 1 1 0 1 0

0 1 0 1 x 1 x x x 0

0 1 0 1 x x x 0 x x

1 0 0 0 0 1 0 0 1 x

0 0 0 1 1 0 1 1 x x

0 1 1 1 1 0 0 0 e 1

Added in new antGroup 3

A1 trails count: 51 A2 trails count: 41 A3 trails count: 25 A4 trails count: 23 A5 trails count: 25 A6 trails count: 29 A7 trails count: 25 A8 trails count: 39 A9 trails count: 41 A10 trails count: 63

Ant Trail Min Size is: 21 Found at Ant10

Best Ant has size: 21, and has a path of:

s x x x x 1 0 0 1 0

0 1 0 1 x 1 0 0 0 0

0 0 0 1 x 1 1 0 1 0

0 1 0 1 x 0 1 0 1 0

0 1 0 1 x 1 1 0 1 0

0 1 0 1 x 1 x x x 0

0 1 0 1 x x x 0 x x

1 0 0 0 0 1 0 0 1 x

0 0 0 1 1 0 1 1 x x

0 1 1 1 1 0 0 0 e 1

Added in new antGroup 4

A1 trails count: 25 A2 trails count: 41 A3 trails count: 37 A4 trails count: 51 A5 trails count: 29 A6 trails count: 81 A7 trails count: 37 A8 trails count: 37 A9 trails count: 31 A10 trails count: 27

Ant Trail Min Size is: 21 Found at Ant10

Best Ant has size: 21, and has a path of:

s x x x x 1 0 0 1 0

0 1 0 1 x 1 0 0 0 0

0 0 0 1 x 1 1 0 1 0

0 1 0 1 x 0 1 0 1 0

0 1 0 1 x 1 1 0 1 0

0 1 0 1 x 1 x x x 0

0 1 0 1 x x x 0 x x

1 0 0 0 0 1 0 0 1 x

0 0 0 1 1 0 1 1 x x

0 1 1 1 1 0 0 0 e 1

Added in new antGroup 5

A1 trails count: 27 A2 trails count: 47 A3 trails count: 37 A4 trails count: 25 A5 trails count: 91 A6 trails count: 25 A7 trails count: 25 A8 trails count: 39 A9 trails count: 27 A10 trails count: 27

Ant Trail Min Size is: 21 Found at Ant10

Best Ant has size: 21, and has a path of:

s x x x x 1 0 0 1 0

0 1 0 1 x 1 0 0 0 0

0 0 0 1 x 1 1 0 1 0

0 1 0 1 x 0 1 0 1 0

0 1 0 1 x 1 1 0 1 0

0 1 0 1 x 1 x x x 0

0 1 0 1 x x x 0 x x

1 0 0 0 0 1 0 0 1 x

0 0 0 1 1 0 1 1 x x

0 1 1 1 1 0 0 0 e 1

Added in new antGroup 6

A1 trails count: 29 A2 trails count: 29 A3 trails count: 29 A4 trails count: 25 A5 trails count: 45 A6 trails count: 49 A7 trails count: 41 A8 trails count: 25 A9 trails count: 37 A10 trails count: 51

Ant Trail Min Size is: 21 Found at Ant10

Best Ant has size: 21, and has a path of:

s x x x x 1 0 0 1 0

0 1 0 1 x 1 0 0 0 0

0 0 0 1 x 1 1 0 1 0

0 1 0 1 x 0 1 0 1 0

0 1 0 1 x 1 1 0 1 0

0 1 0 1 x 1 x x x 0

0 1 0 1 x x x 0 x x

1 0 0 0 0 1 0 0 1 x

0 0 0 1 1 0 1 1 x x

0 1 1 1 1 0 0 0 e 1

Added in new antGroup 7

A1 trails count: 37 A2 trails count: 43 A3 trails count: 55 A4 trails count: 27 A5 trails count: 63 A6 trails count: 101 A7 trails count: 23 A8 trails count: 41 A9 trails count: 25 A10 trails count: 41

Ant Trail Min Size is: 21 Found at Ant10

Best Ant has size: 21, and has a path of:

s x x x x 1 0 0 1 0

0 1 0 1 x 1 0 0 0 0

0 0 0 1 x 1 1 0 1 0

0 1 0 1 x 0 1 0 1 0

0 1 0 1 x 1 1 0 1 0

0 1 0 1 x 1 x x x 0

0 1 0 1 x x x 0 x x

1 0 0 0 0 1 0 0 1 x

0 0 0 1 1 0 1 1 x x

0 1 1 1 1 0 0 0 e 1

Added in new antGroup 8

A1 trails count: 27 A2 trails count: 41 A3 trails count: 37 A4 trails count: 25 A5 trails count: 39 A6 trails count: 39 A7 trails count: 27 A8 trails count: 25 A9 trails count: 29 A10 trails count: 39

Ant Trail Min Size is: 21 Found at Ant10

Best Ant has size: 21, and has a path of:

s x x x x 1 0 0 1 0

0 1 0 1 x 1 0 0 0 0

0 0 0 1 x 1 1 0 1 0

0 1 0 1 x 0 1 0 1 0

0 1 0 1 x 1 1 0 1 0

0 1 0 1 x 1 x x x 0

0 1 0 1 x x x 0 x x

1 0 0 0 0 1 0 0 1 x

0 0 0 1 1 0 1 1 x x

0 1 1 1 1 0 0 0 e 1

Added in new antGroup 9

A1 trails count: 47 A2 trails count: 37 A3 trails count: 39 A4 trails count: 39 A5 trails count: 29 A6 trails count: 37 A7 trails count: 25 A8 trails count: 41 A9 trails count: 85 A10 trails count: 27

Ant Trail Min Size is: 21 Found at Ant10

Best Ant has size: 21, and has a path of:

s x x x x 1 0 0 1 0

0 1 0 1 x 1 0 0 0 0

0 0 0 1 x 1 1 0 1 0

0 1 0 1 x 0 1 0 1 0

0 1 0 1 x 1 1 0 1 0

0 1 0 1 x 1 x x x 0

0 1 0 1 x x x 0 x x

1 0 0 0 0 1 0 0 1 x

0 0 0 1 1 0 1 1 x x

0 1 1 1 1 0 0 0 e 1