Test 4 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: 35 A2 trails count: 35 A3 trails count: 23 A4 trails count: 37 A5 trails count: 21 A6 trails count: 23 A7 trails count: 37 A8 trails count: 21 A9 trails count: 45 A10 trails count: 37

Ant Trail Min Size is: 21 Found at Ant5

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: 31 A2 trails count: 37 A3 trails count: 23 A4 trails count: 83 A5 trails count: 21 A6 trails count: 31 A7 trails count: 37 A8 trails count: 55 A9 trails count: 33 A10 trails count: 33

Ant Trail Min Size is: 21 Found at Ant5

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: 53 A2 trails count: 29 A3 trails count: 45 A4 trails count: 33 A5 trails count: 39 A6 trails count: 37 A7 trails count: 31 A8 trails count: 37 A9 trails count: 41 A10 trails count: 21

Ant Trail Min Size is: 21 Found at Ant5

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: 45 A2 trails count: 23 A3 trails count: 45 A4 trails count: 23 A5 trails count: 55 A6 trails count: 23 A7 trails count: 31 A8 trails count: 35 A9 trails count: 21 A10 trails count: 31

Ant Trail Min Size is: 21 Found at Ant5

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: 23 A2 trails count: 57 A3 trails count: 35 A4 trails count: 31 A5 trails count: 37 A6 trails count: 51 A7 trails count: 35 A8 trails count: 23 A9 trails count: 33 A10 trails count: 31

Ant Trail Min Size is: 21 Found at Ant5

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: 19 A2 trails count: 31 A3 trails count: 31 A4 trails count: 31 A5 trails count: 23 A6 trails count: 41 A7 trails count: 21 A8 trails count: 21 A9 trails count: 45 A10 trails count: 31

Ant Trail Min Size is: 19 Found at Ant51

Best Ant has size: 19, 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 0 0 0 0

0 1 0 1 x x x x 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: 59 A2 trails count: 19 A3 trails count: 21 A4 trails count: 47 A5 trails count: 31 A6 trails count: 31 A7 trails count: 21 A8 trails count: 41 A9 trails count: 21 A10 trails count: 33

Ant Trail Min Size is: 19 Found at Ant51

Best Ant has size: 19, 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 0 0 0 0

0 1 0 1 x x x x 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: 21 A2 trails count: 37 A3 trails count: 53 A4 trails count: 23 A5 trails count: 43 A6 trails count: 43 A7 trails count: 31 A8 trails count: 33 A9 trails count: 33 A10 trails count: 33

Ant Trail Min Size is: 19 Found at Ant51

Best Ant has size: 19, 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 0 0 0 0

0 1 0 1 x x x x 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: 43 A2 trails count: 21 A3 trails count: 21 A4 trails count: 43 A5 trails count: 33 A6 trails count: 31 A7 trails count: 31 A8 trails count: 31 A9 trails count: 45 A10 trails count: 45

Ant Trail Min Size is: 19 Found at Ant51

Best Ant has size: 19, 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 0 0 0 0

0 1 0 1 x x x x 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: 33 A2 trails count: 33 A3 trails count: 43 A4 trails count: 31 A5 trails count: 31 A6 trails count: 35 A7 trails count: 41 A8 trails count: 23 A9 trails count: 31 A10 trails count: 23

Ant Trail Min Size is: 19 Found at Ant51

Best Ant has size: 19, 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 0 0 0 0

0 1 0 1 x x x x 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