Test 2 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: 23 A2 trails count: 27 A3 trails count: 21 A4 trails count: 79 A5 trails count: 23 A6 trails count: 63 A7 trails count: 41 A8 trails count: 21 A9 trails count: 69 A10 trails count: 45

Ant Trail Min Size is: 21 Found at Ant3

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

s x x 0 0 1 0 0 1 0

0 1 x 1 0 1 0 0 0 0

0 0 x 1 0 1 1 0 1 0

0 1 x 1 0 0 1 0 1 0

0 1 x 1 0 1 1 0 1 0

0 1 x 1 0 1 0 0 0 0

0 1 x 1 x x x x x x

1 0 x x x 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: 33 A2 trails count: 89 A3 trails count: 21 A4 trails count: 53 A5 trails count: 31 A6 trails count: 47 A7 trails count: 93 A8 trails count: 23 A9 trails count: 21 A10 trails count: 53

Ant Trail Min Size is: 21 Found at Ant3

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

s x x 0 0 1 0 0 1 0

0 1 x 1 0 1 0 0 0 0

0 0 x 1 0 1 1 0 1 0

0 1 x 1 0 0 1 0 1 0

0 1 x 1 0 1 1 0 1 0

0 1 x 1 0 1 0 0 0 0

0 1 x 1 x x x x x x

1 0 x x x 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: 31 A2 trails count: 21 A3 trails count: 35 A4 trails count: 113 A5 trails count: 35 A6 trails count: 41 A7 trails count: 85 A8 trails count: 161 A9 trails count: 41 A10 trails count: 91

Ant Trail Min Size is: 21 Found at Ant3

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

s x x 0 0 1 0 0 1 0

0 1 x 1 0 1 0 0 0 0

0 0 x 1 0 1 1 0 1 0

0 1 x 1 0 0 1 0 1 0

0 1 x 1 0 1 1 0 1 0

0 1 x 1 0 1 0 0 0 0

0 1 x 1 x x x x x x

1 0 x x x 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: 19 A2 trails count: 45 A3 trails count: 21 A4 trails count: 35 A5 trails count: 45 A6 trails count: 21 A7 trails count: 21 A8 trails count: 121 A9 trails count: 97 A10 trails count: 27

Ant Trail Min Size is: 19 Found at Ant31

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 4

A1 trails count: 37 A2 trails count: 33 A3 trails count: 57 A4 trails count: 45 A5 trails count: 69 A6 trails count: 51 A7 trails count: 21 A8 trails count: 49 A9 trails count: 43 A10 trails count: 39

Ant Trail Min Size is: 19 Found at Ant31

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 5

A1 trails count: 49 A2 trails count: 23 A3 trails count: 31 A4 trails count: 53 A5 trails count: 53 A6 trails count: 109 A7 trails count: 95 A8 trails count: 35 A9 trails count: 21 A10 trails count: 21

Ant Trail Min Size is: 19 Found at Ant31

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: 91 A2 trails count: 21 A3 trails count: 21 A4 trails count: 171 A5 trails count: 21 A6 trails count: 31 A7 trails count: 19 A8 trails count: 31 A9 trails count: 33 A10 trails count: 61

Ant Trail Min Size is: 19 Found at Ant31

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: 29 A2 trails count: 59 A3 trails count: 33 A4 trails count: 33 A5 trails count: 25 A6 trails count: 85 A7 trails count: 37 A8 trails count: 43 A9 trails count: 41 A10 trails count: 25

Ant Trail Min Size is: 19 Found at Ant31

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: 21 A2 trails count: 21 A3 trails count: 45 A4 trails count: 67 A5 trails count: 21 A6 trails count: 35 A7 trails count: 31 A8 trails count: 57 A9 trails count: 21 A10 trails count: 23

Ant Trail Min Size is: 19 Found at Ant31

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: 45 A2 trails count: 87 A3 trails count: 21 A4 trails count: 49 A5 trails count: 45 A6 trails count: 69 A7 trails count: 43 A8 trails count: 21 A9 trails count: 45 A10 trails count: 21

Ant Trail Min Size is: 19 Found at Ant31

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