Test 5 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: 93 A2 trails count: 29 A3 trails count: 37 A4 trails count: 133 A5 trails count: 33 A6 trails count: 21 A7 trails count: 21 A8 trails count: 33 A9 trails count: 35 A10 trails count: 23

Ant Trail Min Size is: 21 Found at Ant6

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 0 0 0 0

0 1 0 1 x x x x x x

1 0 0 0 0 1 x x 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: 21 A2 trails count: 101 A3 trails count: 59 A4 trails count: 41 A5 trails count: 35 A6 trails count: 43 A7 trails count: 39 A8 trails count: 37 A9 trails count: 63 A10 trails count: 57

Ant Trail Min Size is: 21 Found at Ant6

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 0 0 0 0

0 1 0 1 x x x x x x

1 0 0 0 0 1 x x 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: 23 A2 trails count: 69 A3 trails count: 21 A4 trails count: 29 A5 trails count: 33 A6 trails count: 37 A7 trails count: 65 A8 trails count: 31 A9 trails count: 33 A10 trails count: 125

Ant Trail Min Size is: 21 Found at Ant6

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 0 0 0 0

0 1 0 1 x x x x x x

1 0 0 0 0 1 x x 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: 31 A2 trails count: 101 A3 trails count: 111 A4 trails count: 97 A5 trails count: 33 A6 trails count: 37 A7 trails count: 37 A8 trails count: 31 A9 trails count: 29 A10 trails count: 59

Ant Trail Min Size is: 21 Found at Ant6

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 0 0 0 0

0 1 0 1 x x x x x x

1 0 0 0 0 1 x x 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: 21 A2 trails count: 21 A3 trails count: 45 A4 trails count: 33 A5 trails count: 25 A6 trails count: 55 A7 trails count: 71 A8 trails count: 63 A9 trails count: 31 A10 trails count: 37

Ant Trail Min Size is: 21 Found at Ant6

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 0 0 0 0

0 1 0 1 x x x x x x

1 0 0 0 0 1 x x 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: 25 A2 trails count: 21 A3 trails count: 41 A4 trails count: 67 A5 trails count: 19 A6 trails count: 71 A7 trails count: 65 A8 trails count: 83 A9 trails count: 35 A10 trails count: 31

Ant Trail Min Size is: 19 Found at Ant55

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: 21 A2 trails count: 75 A3 trails count: 27 A4 trails count: 51 A5 trails count: 83 A6 trails count: 45 A7 trails count: 21 A8 trails count: 205 A9 trails count: 77 A10 trails count: 127

Ant Trail Min Size is: 19 Found at Ant55

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: 33 A2 trails count: 97 A3 trails count: 91 A4 trails count: 19 A5 trails count: 61 A6 trails count: 19 A7 trails count: 125 A8 trails count: 33 A9 trails count: 23 A10 trails count: 63

Ant Trail Min Size is: 19 Found at Ant55

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: 73 A2 trails count: 21 A3 trails count: 147 A4 trails count: 51 A5 trails count: 21 A6 trails count: 37 A7 trails count: 43 A8 trails count: 33 A9 trails count: 23 A10 trails count: 65

Ant Trail Min Size is: 19 Found at Ant55

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: 97 A2 trails count: 21 A3 trails count: 35 A4 trails count: 33 A5 trails count: 21 A6 trails count: 53 A7 trails count: 149 A8 trails count: 33 A9 trails count: 31 A10 trails count: 37

Ant Trail Min Size is: 19 Found at Ant55

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