

1. Plot the points:

 Weights

A (9, 6) 44

B (3, 12) 33

C (1, 4) 12

D (3, 5) 11

E (7, 7) 1

F (10, 2) 23

G (9, 11) 22

H (5, 7) 12

I (13, 5) 4

What is the optimal location?

What is the minimum total cost?

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| Location | X - coordinate | Weight (visits) | Cumulative Weight |
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| Location | y - coordinate | Weight (visits) | Cumulative Weight |
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| Location | Rectilinear Distance | Weight (visits) | Cost |
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1. Plot the points:

 Weights

A (3, 7) 5

B (5, 5) 12

C (20, 3) 90

D (13, 9) 8

E (2, 20) 56

F (19, 5) 88

G (7, 18) 29

H (20, 0) 31

I (5, 1) 45

What is the optimal location?

What is the minimum total cost?

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| Location | X - coordinate | Weight (visits) | Cumulative Weight |
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| Location | Rectilinear Distance | Weight (visits) | Cost |
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