GCLRP\_20\_5

param: cx cy :=

1 12 39

2 12 24

3 38 29

4 32 43

5 37 46

6 4 20

7 22 7

8 20 2

9 21 7

10 4 21

11 1 12

12 4 2

13 22 21

14 14 36

15 16 40

16 12 40

17 13 47

18 15 36

19 3 41

20 12 49

21 6 43

22 14 32

23 50 11

24 29 18

25 37 36;

param Q := 20;

param W :=

1 40

2 100

3 40

4 80

5 40

;

param O :=

1 1346

2 1383

3 1066

4 513

5 558

;

param D :=

6 6

7 3

8 9

9 5

10 7

11 3

12 3

13 2

14 2

15 2

16 3

17 2

18 7

19 5

20 3

21 8

22 7

23 8

24 4

25 3

;

param F := 100;

let alpha1 := 0.0635;#alpha1 obtained traveling 12 km per gallon in a full vehicle

let alpha2 :=0.02008/Q ; #alpha2 obtained traveling 12 km per gallon in a full vehicle

let unitary\_cost\_fuel := 3.92;

let emissions\_per\_fuel\_unit := 8.7;

let cost\_emissions := 0.009;