1. Graph 0:

1

B

A

1. Graph2-no-cycle

1

B

A

1. Graph2-cycle

1

1

1. Graph4-no-cycle

B

A

1

C

D

1

1

B

A

1. Graph4-cycle

1

1

1

D

C

1

1

D

C

B

A

1. Graph4-not-connected

1

1

1

1

B

1

E

D

C

A

1

1. Graph11

Z

1

1

1

H

G

F

1

X

Y

B

100

25

15

E

A

1. Graph5

7

1

2

5

10

D

42

7

13

C