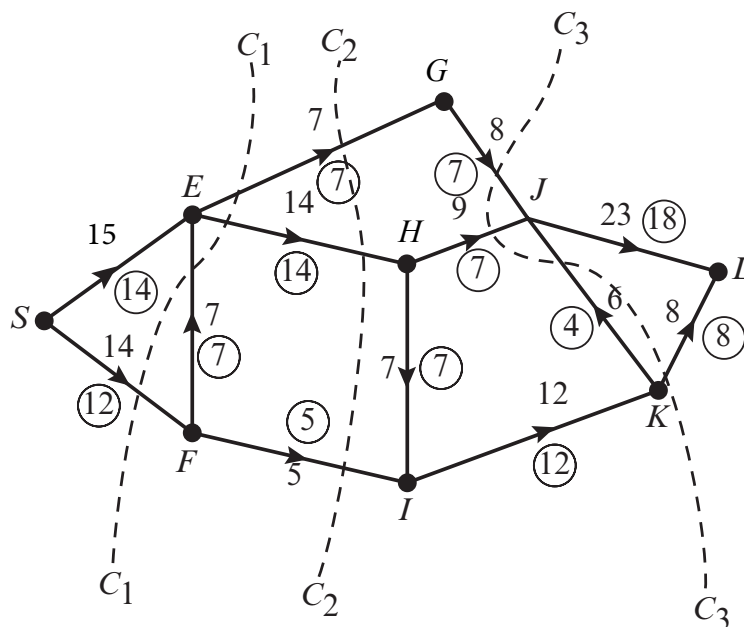


Review exercise 1 Question 22



Name: _____

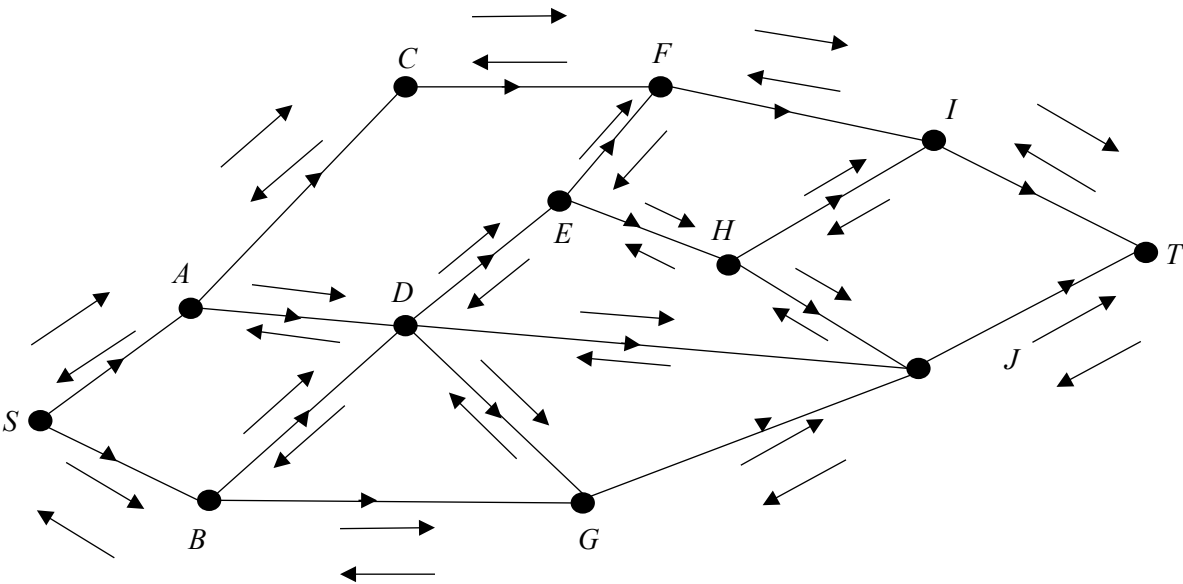
Review exercise 1

Question 23 – page 1 of 2

a $x =$ _____ $y =$ _____

b $C_1 =$ _____ $C_2 =$ _____

c



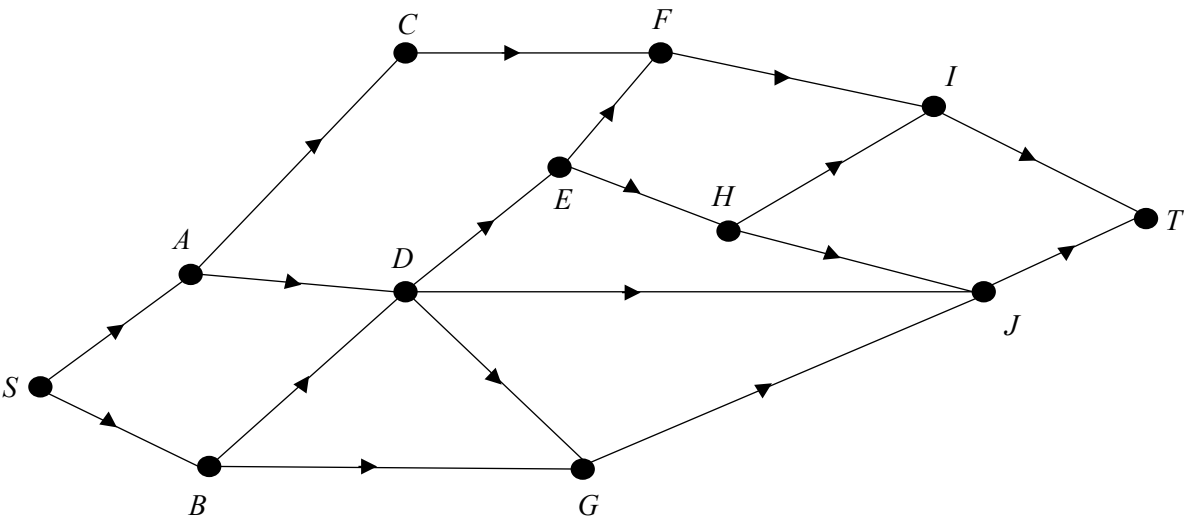
d Flow-augmenting routes

Name: _____

Review exercise 1

Question 23 – page 2 of 2

d



Value of flow _____

e _____

Name: _____

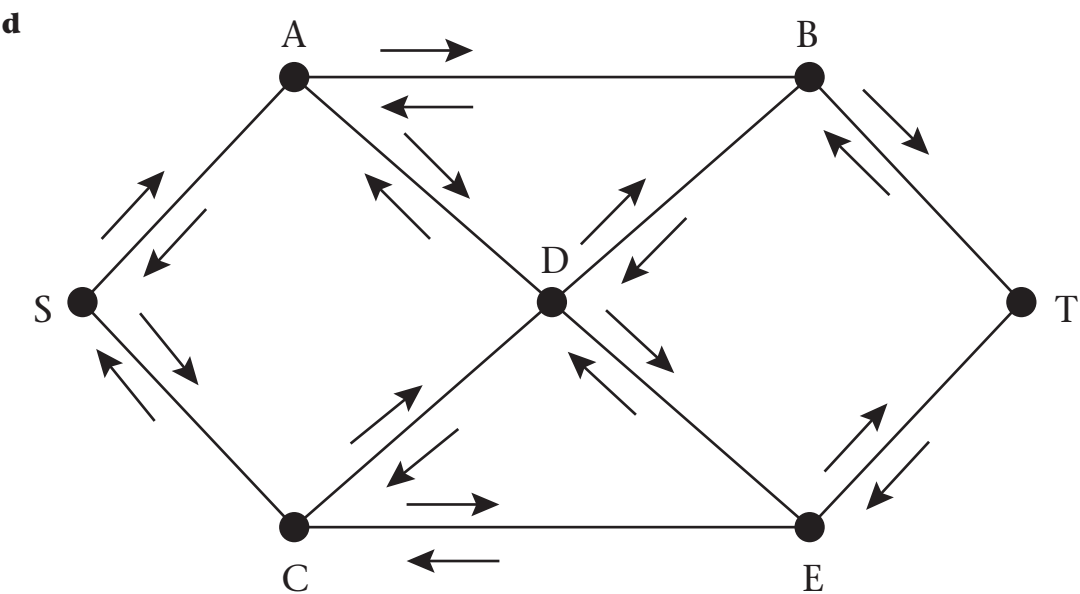
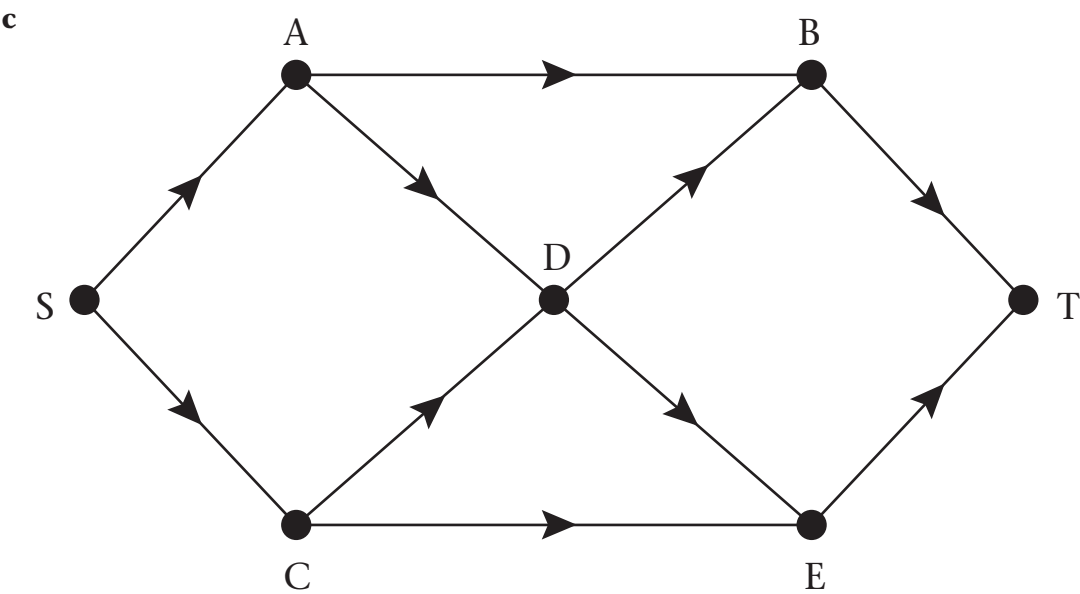
Review exercise 1

Question 24 – page 1 of 2

a _____

b i Maximum flow along SABT: _____

ii Maximum flow along SCET: _____



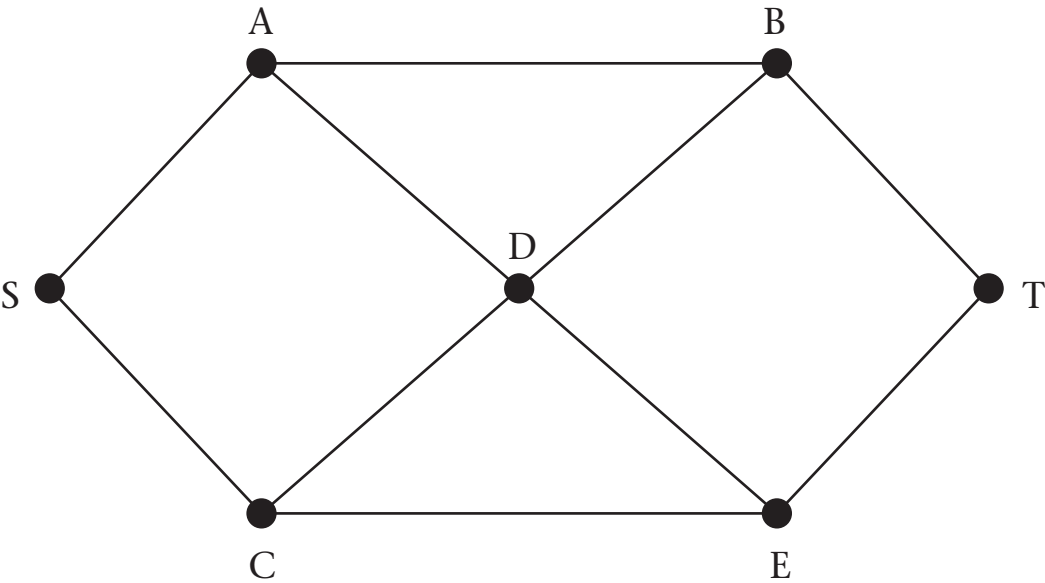
Flow augmenting routes _____

Name: _____

Review exercise 1

Question 24 – page 2 of 2

e



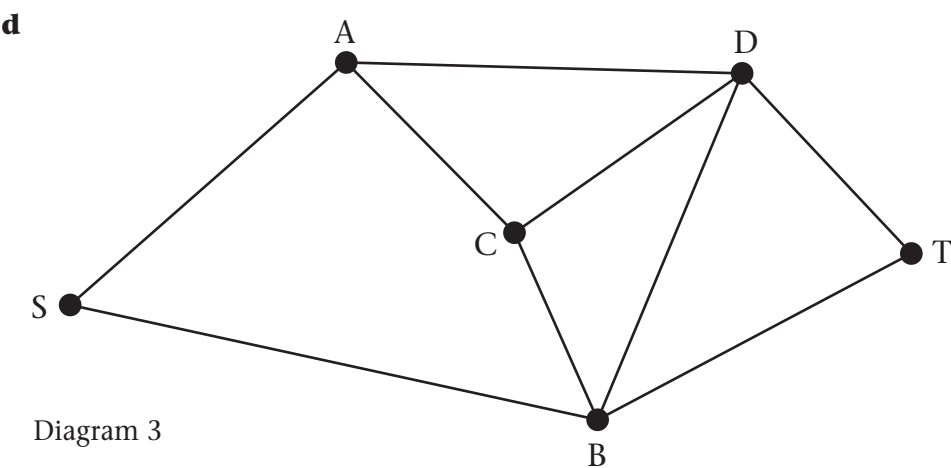
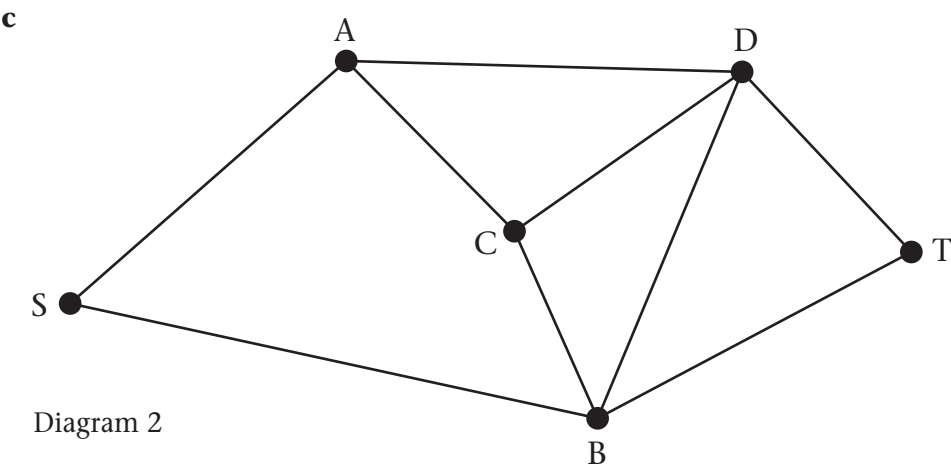
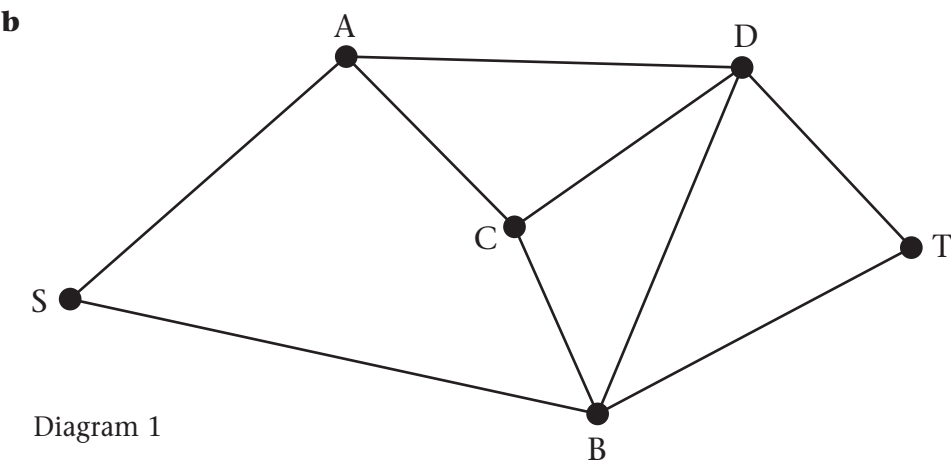
f

Name: _____

Review exercise 1

Question 25

- a Maximum flow
- i along SACDT _____
- ii along SBT _____



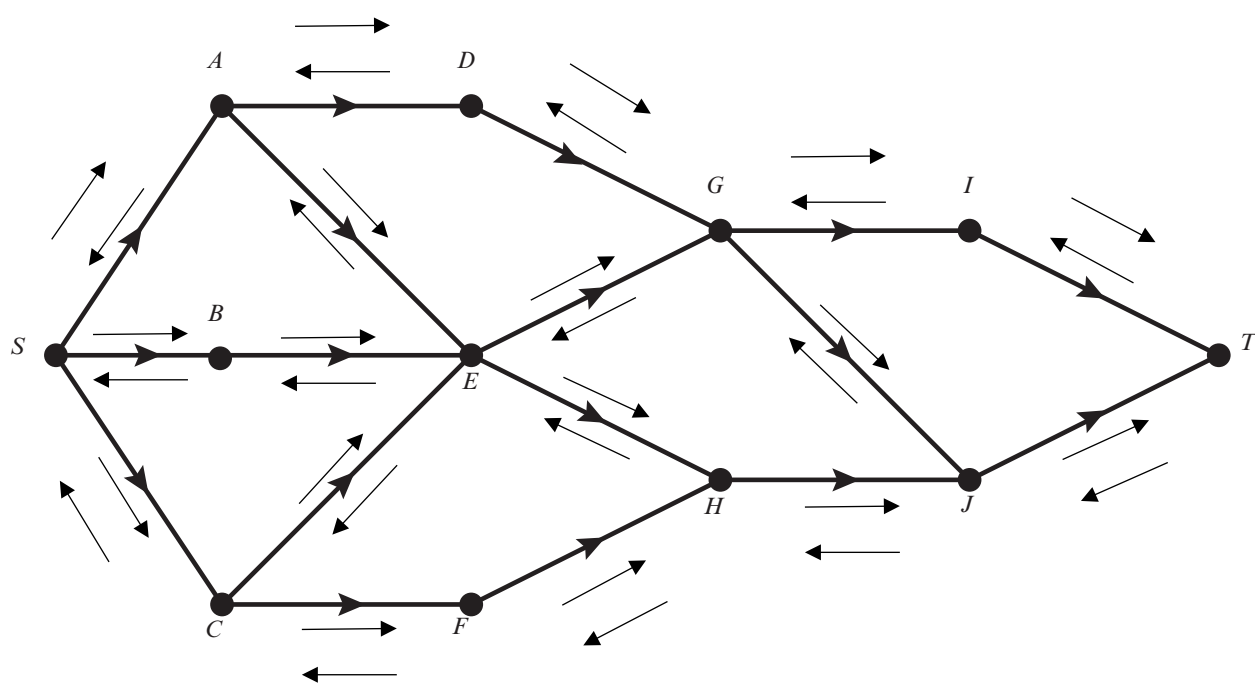
e _____

Name: _____

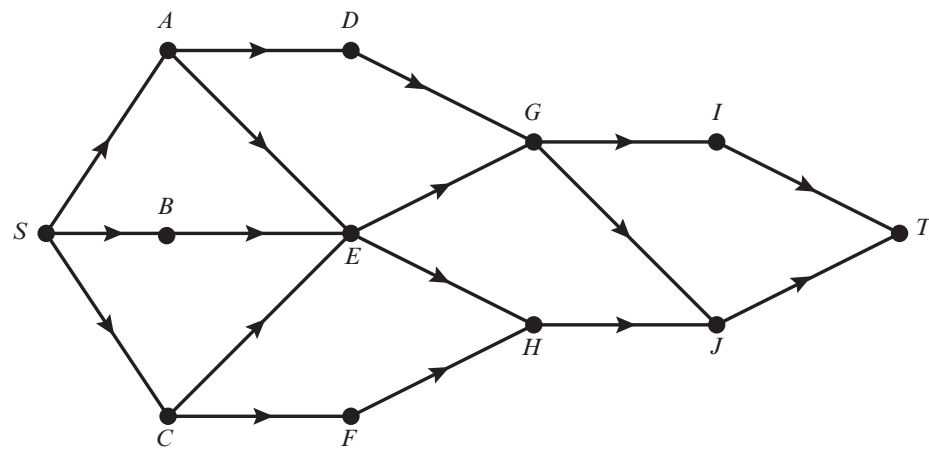
Review exercise 1

Question 26

a Flow-augmenting routes



b Maximum flow



c _____

d _____

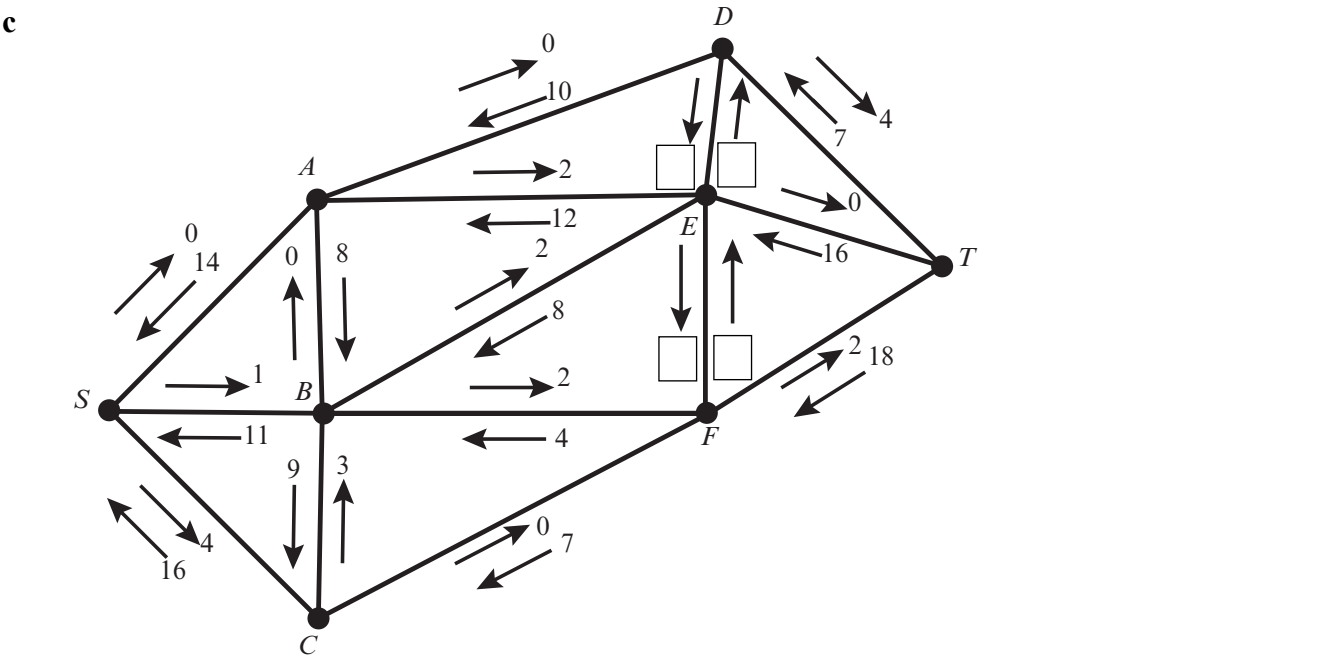
Name: _____

Review exercise 1

Question 27

a $x =$ _____ $y =$ _____

b Initial flow _____



d Flow-augmenting routes _____

Maximum flow _____

e _____

Name: _____

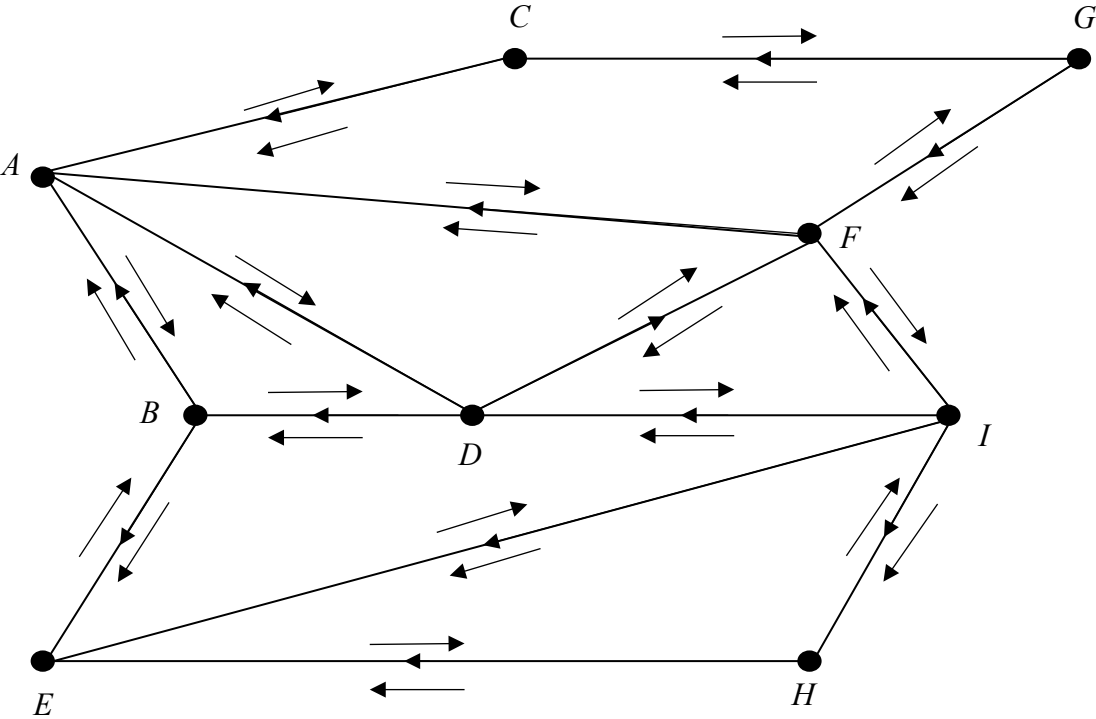
Review exercise 1

Question 28 – page 1 of 2

a $x =$ _____ $y =$ _____

b Initial flow _____

c Flow-augmenting routes



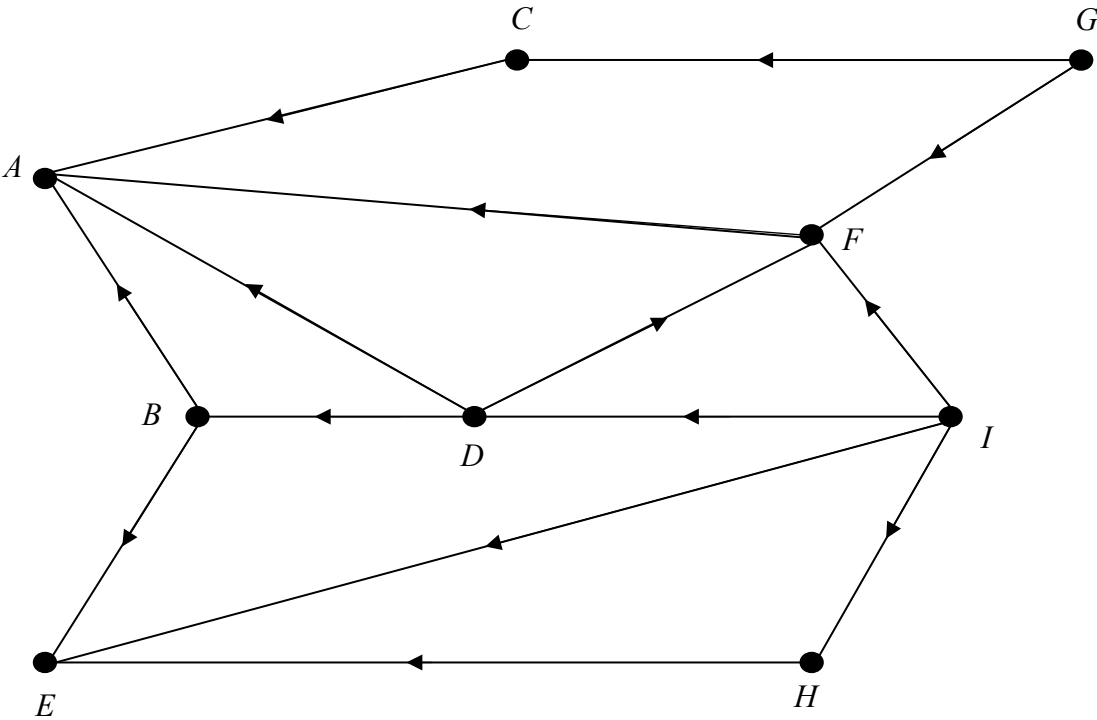
Maximum flow _____

Name: _____

Review exercise 1

Question 28 – page 2 of 2

d Maximal flow pattern



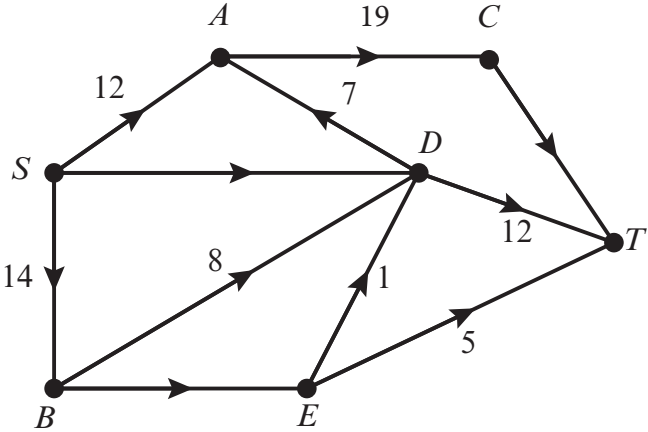
e _____

Name: _____

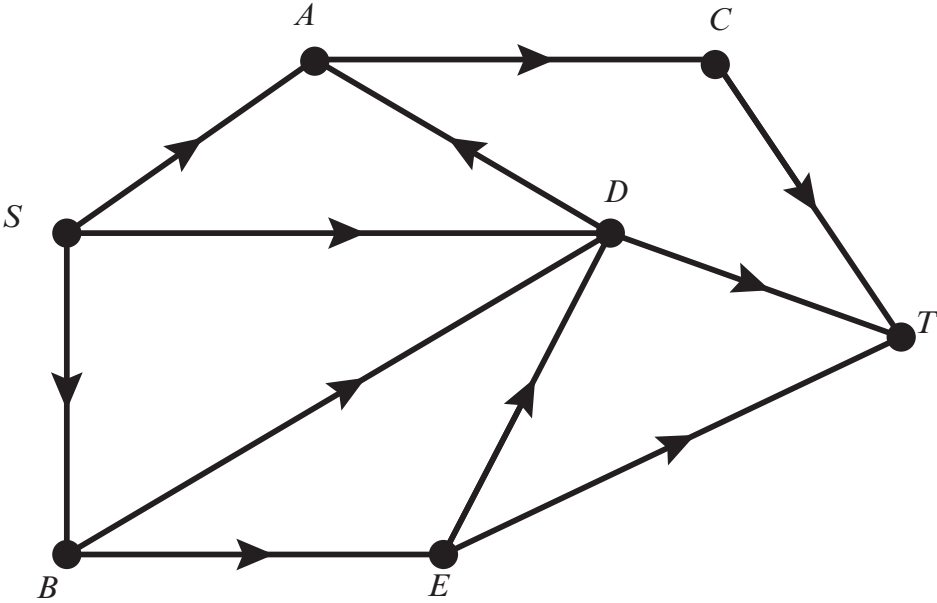
Review exercise 1

Question 29

a Flow through network _____



b Flow-augmenting routes



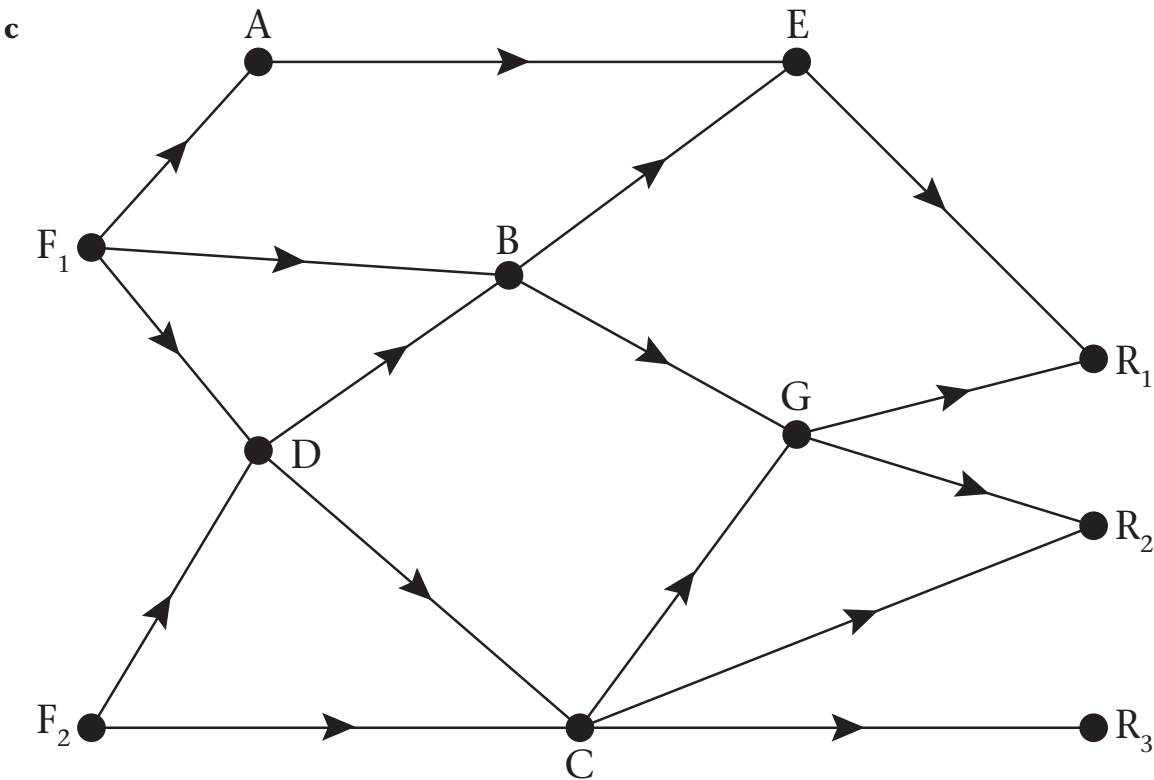
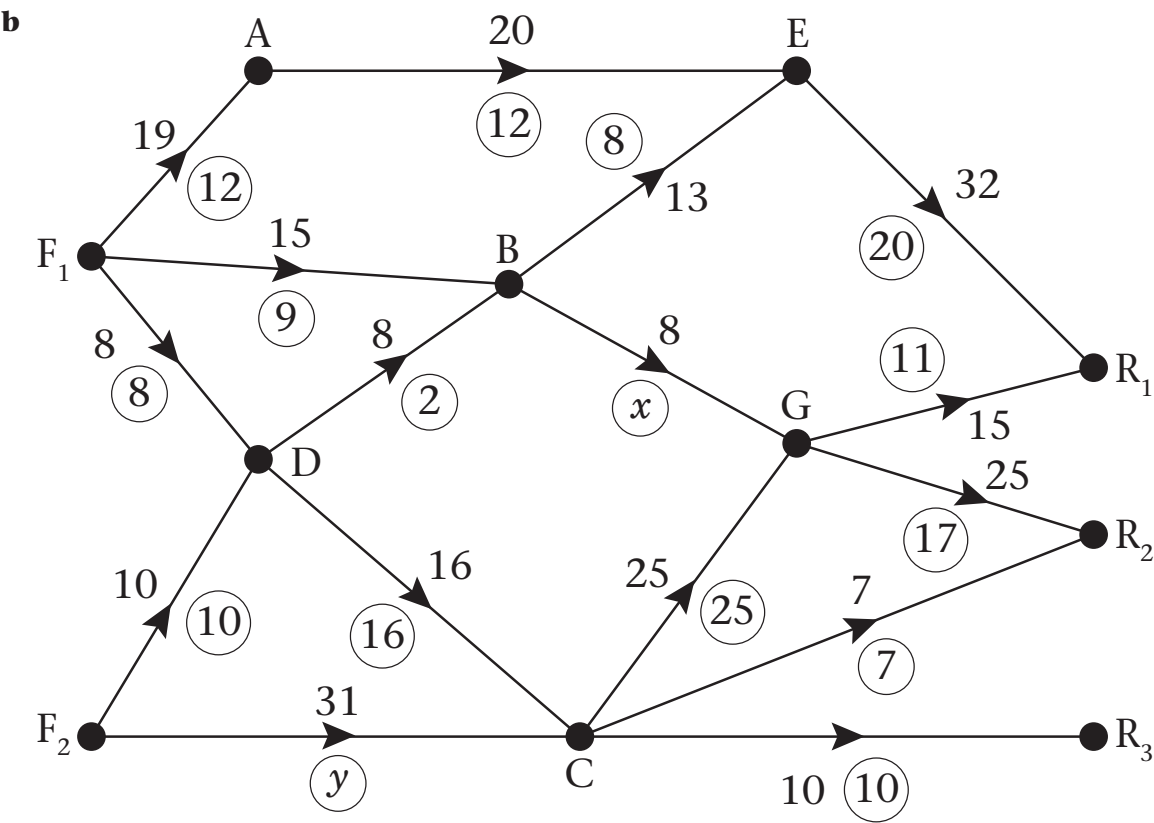
Maximum flow _____

c _____

Name: _____

Review exercise 1 Question 30 – page 1 of 2

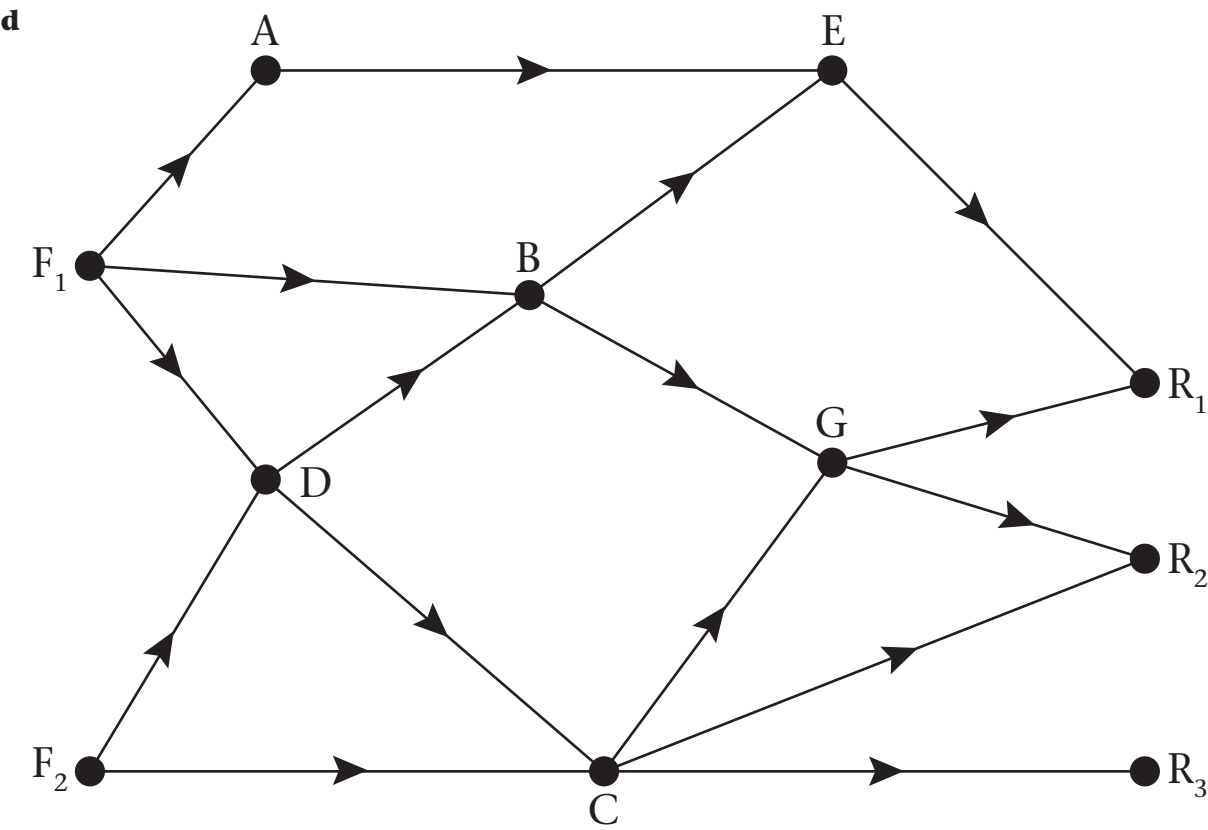
a $x =$ _____ $y =$ _____



Name: _____

Review exercise 1

Question 30 – page 2 of 2



Max flow = _____

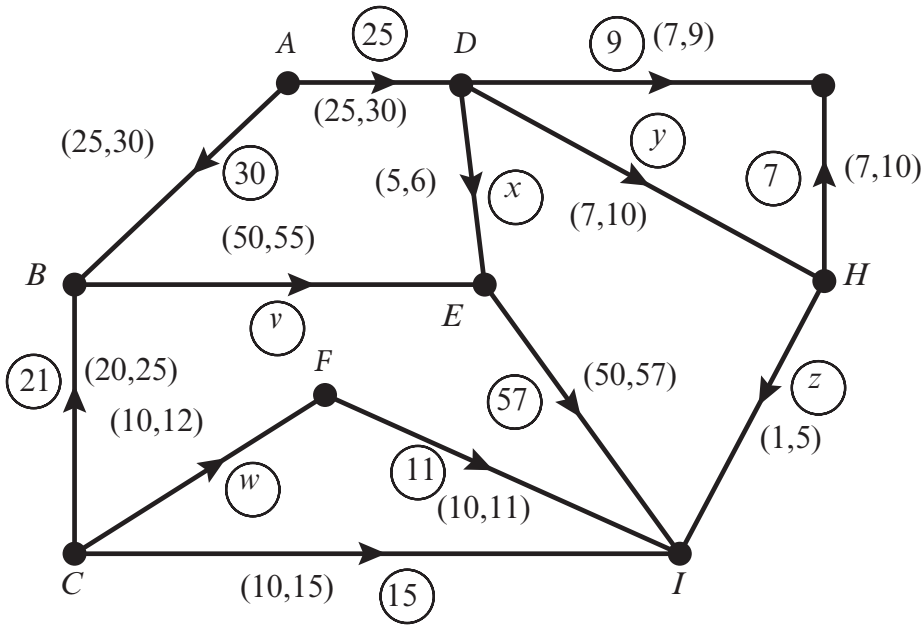
e _____

Name: _____

Review exercise 1

Question 31

a



b $v =$ _____ $w =$ _____ $x =$ _____ $z =$ _____

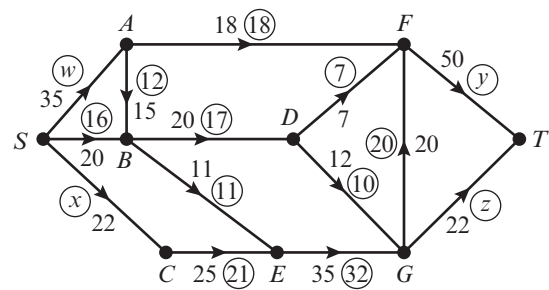
c _____

d _____

Name: _____

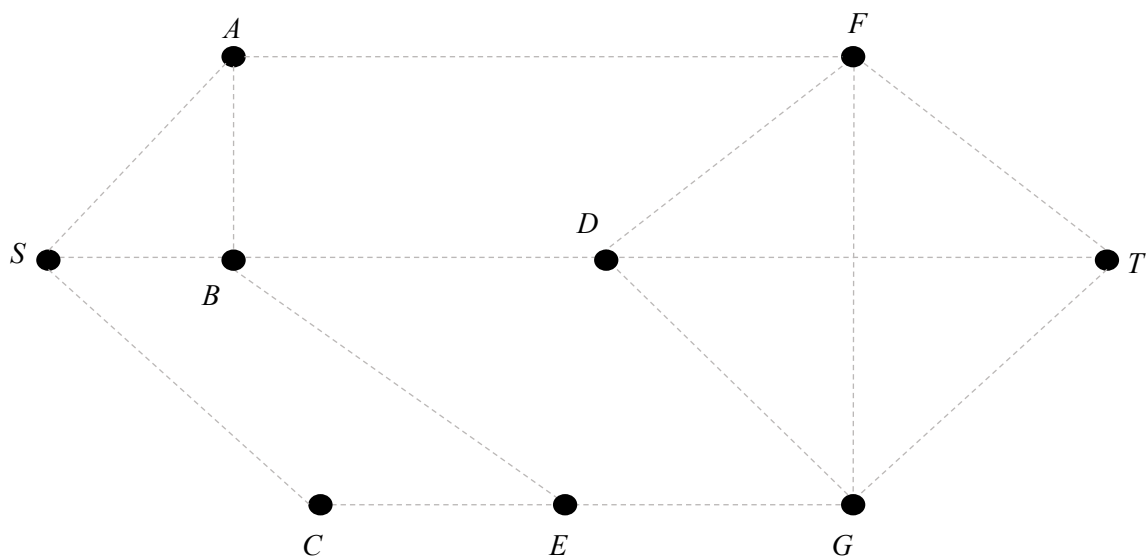
Review exercise 1

Question 32



a Value of flow _____

b



c Value of flow _____

Name: _____

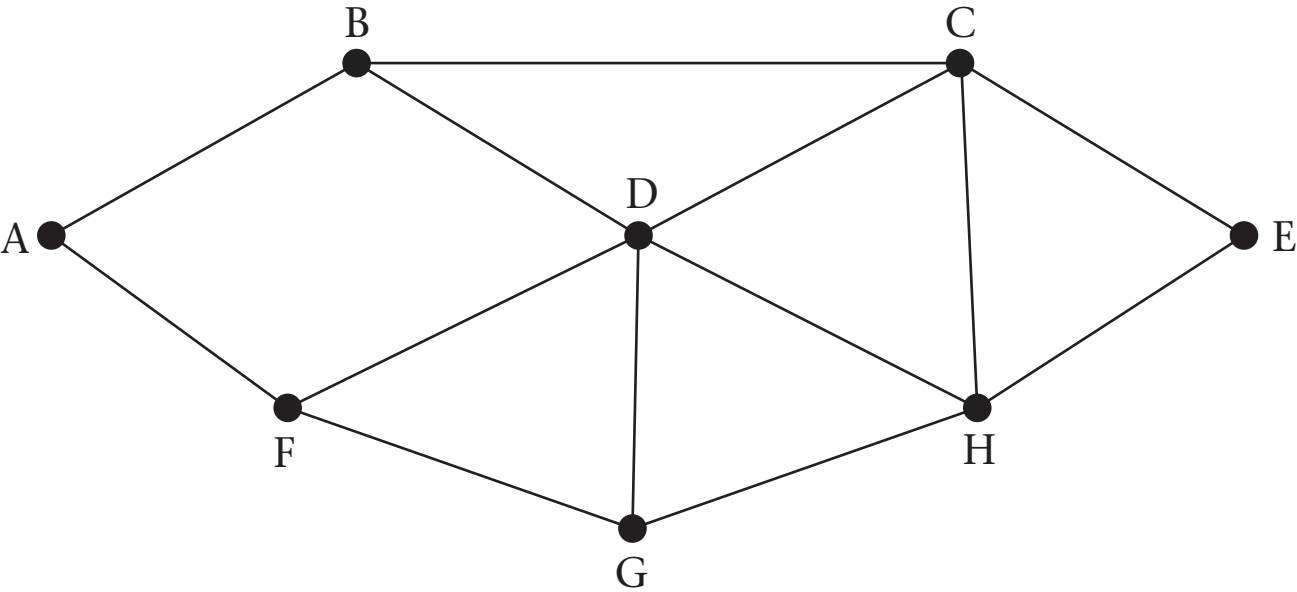
Review exercise 1

Question 33 – page 1 of 2

a _____

b _____

c

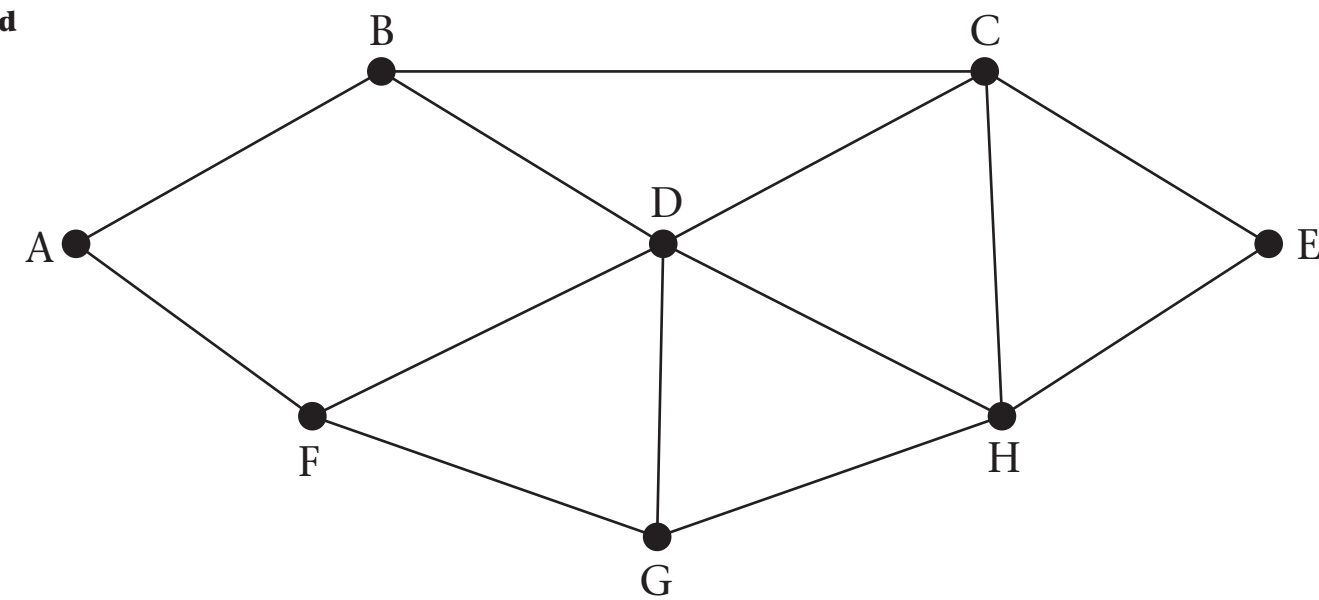


Flow-augmenting routes

Name: _____

Review exercise 1

Question 33 – page 2 of 2



Maximum flow _____

e _____

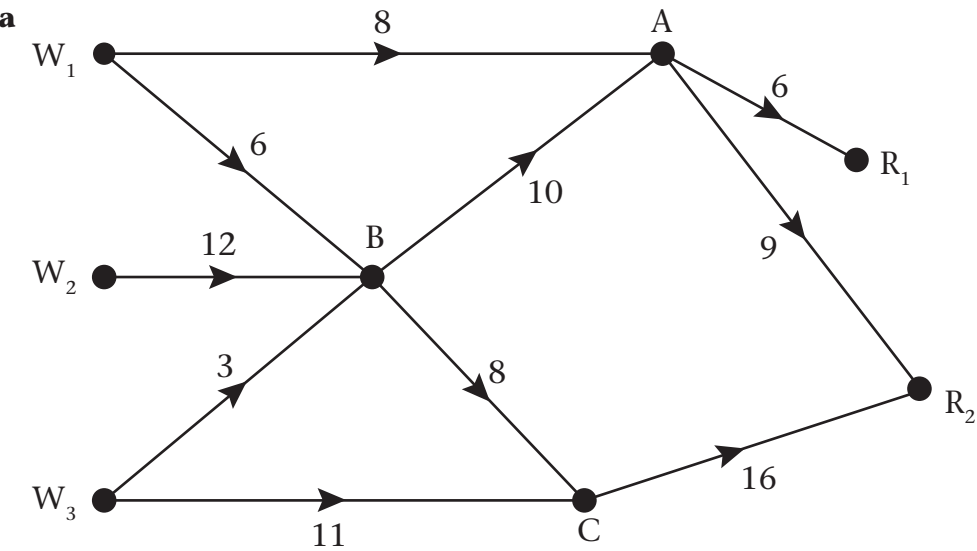
f _____

g _____

Name: _____

Review exercise 1

Question 34



b i $W \rightarrow W_1 \rightarrow A \rightarrow R_1 \rightarrow R$ _____

ii $W \rightarrow W_3 \rightarrow C \rightarrow R_2 \rightarrow R$ _____

c

```
graph LR; W1((W1)) --- A((A)); W1 --- B((B)); W2((W2)) --- B; W3((W3)) --- B; W3 --- C((C)); B --- A; B --- C; A --- R1((R1)); A --- R2((R2)); C --- R2;
```

Flow augmenting routes

d _____

e _____

Name: _____

Review exercise 1

Challenge 3

