Decision Mathematics 2

Name: _____

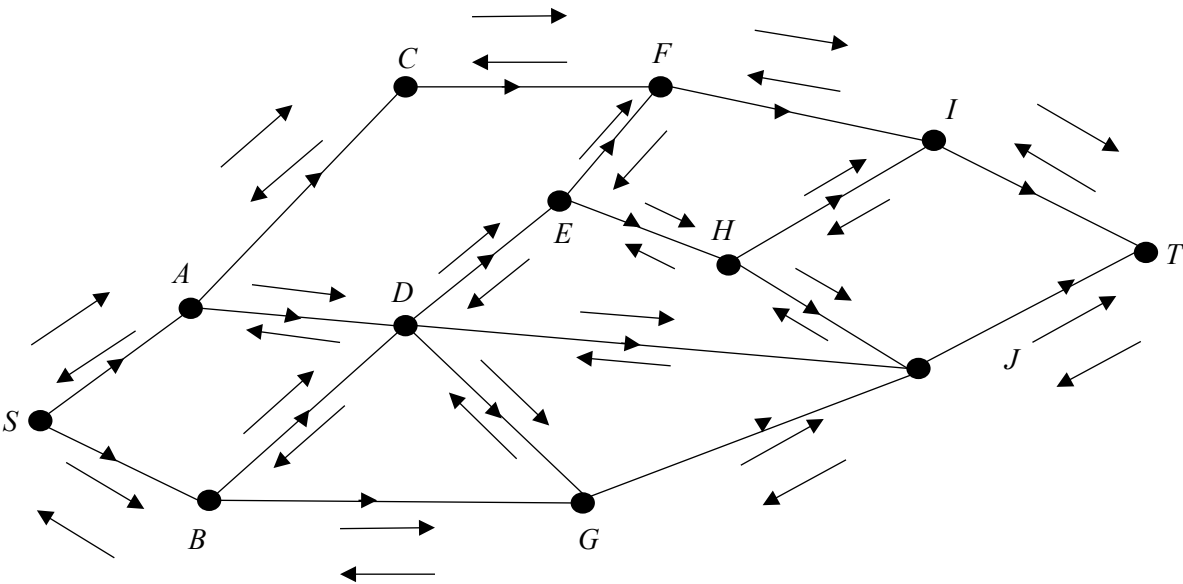**Review exercise 1** | Question 22

Name: _____

a $x =$ _____ $y =$ _____

_____

_____

_____

b $C_1 =$ _____ $C_2 =$ _____

c

d Flow-augmenting routes   _____   _____

_____   _____

_____   _____

Name: _____

d
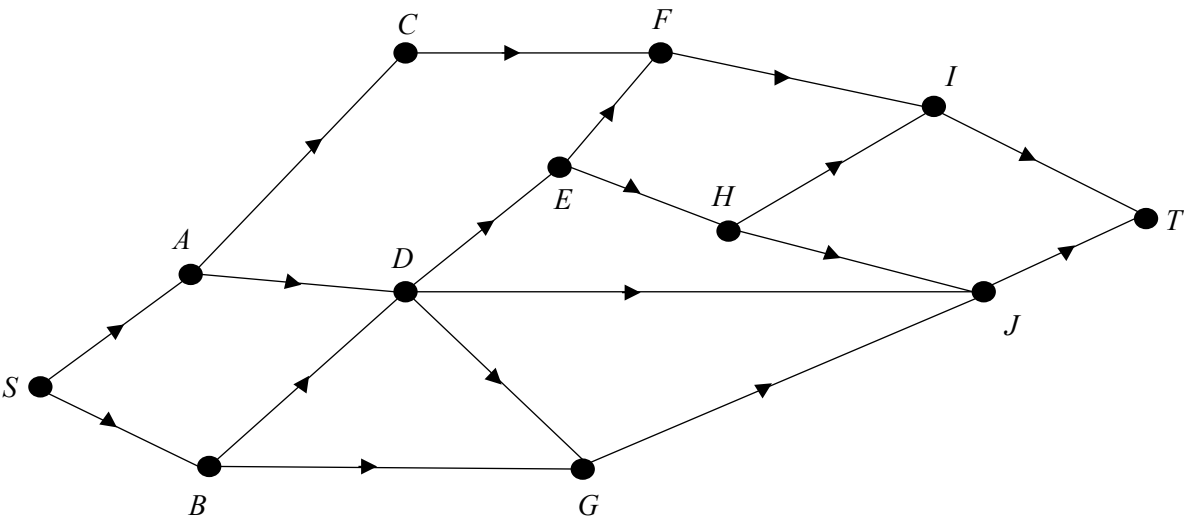
Value of flow _____

e _____

_____

_____

_____

_____

Name: _____

| **Review exercise 1** | Question 24 – page 1 of 2 |

a _____
_____

b i Maximum flow along SABT: _____

   ii Maximum flow along SCET: _____

c

d

Flow augmenting routes _____ _____

_____ _____ _____
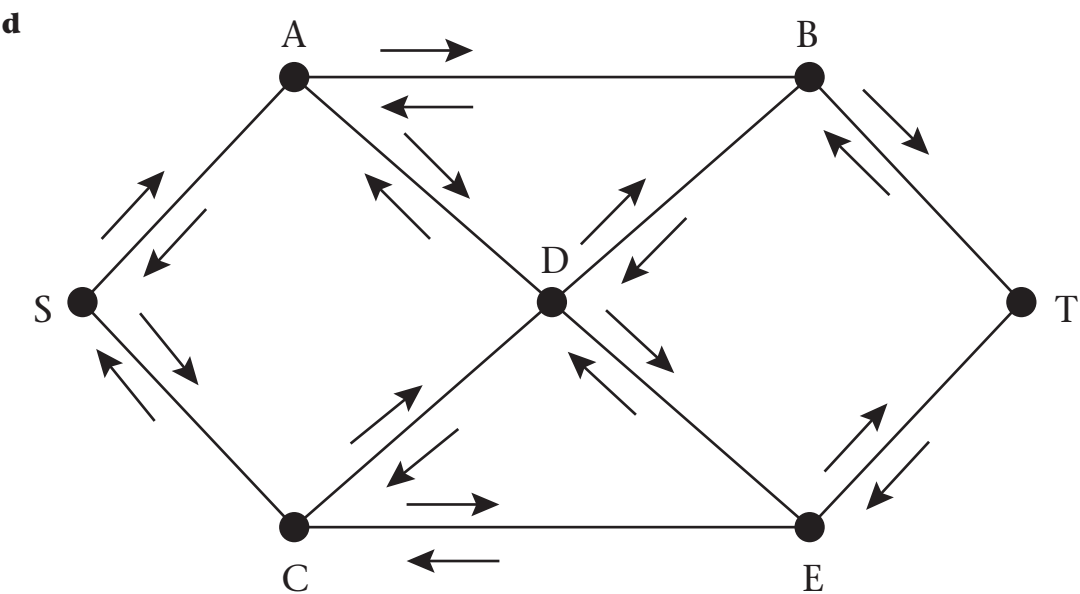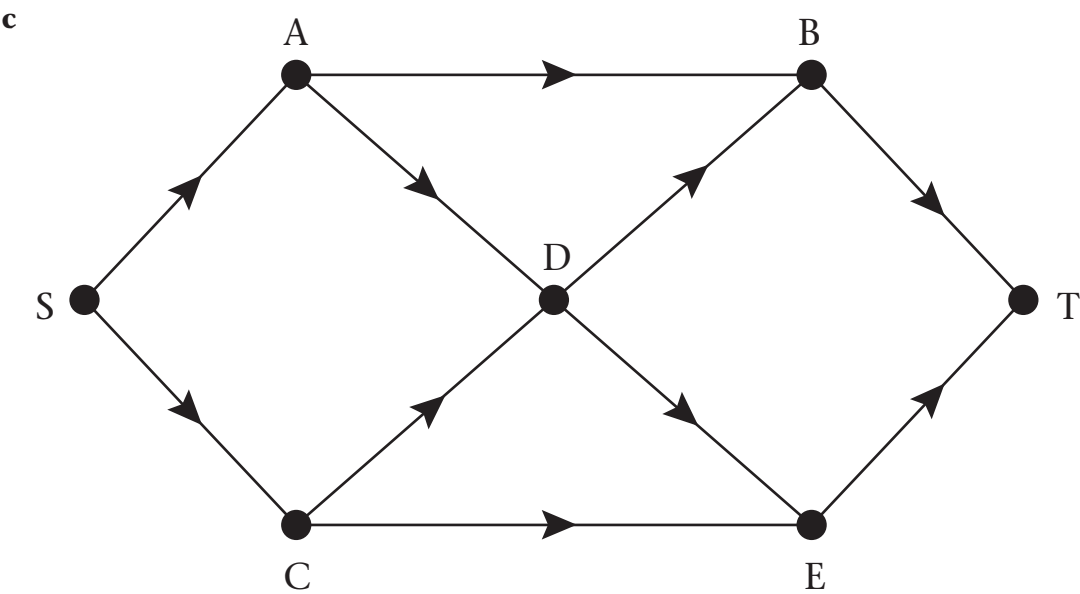
Name: _____

e
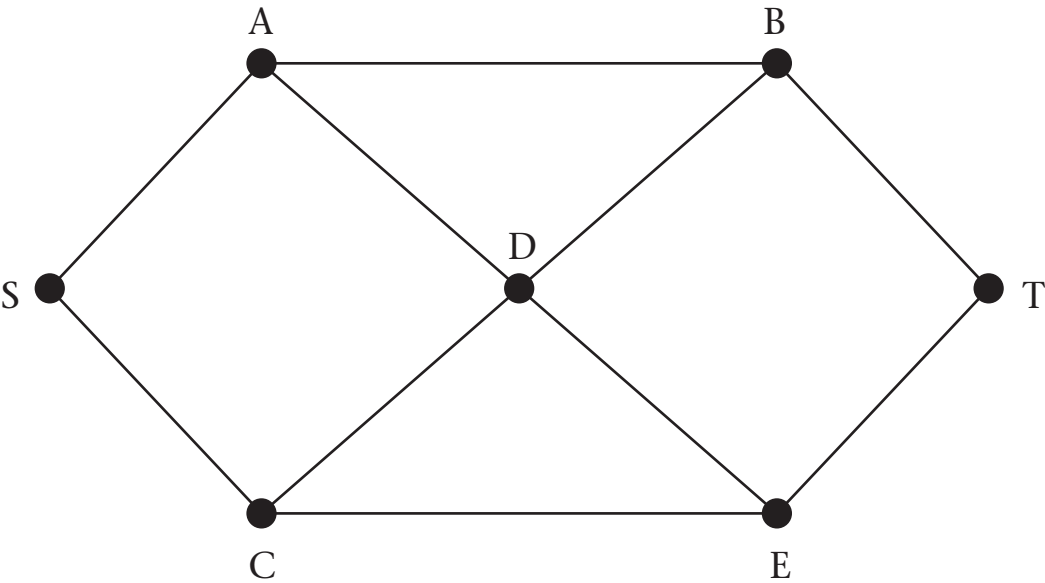
f _____

_____

_____

_____

_____

Name: _____

| **Review exercise 1** | Question 25 |

a Maximum flow

   i along SACDT _____

   ii along SBT _____

b

Diagram 1

c

Diagram 2

d

Diagram 3

e _____

_____
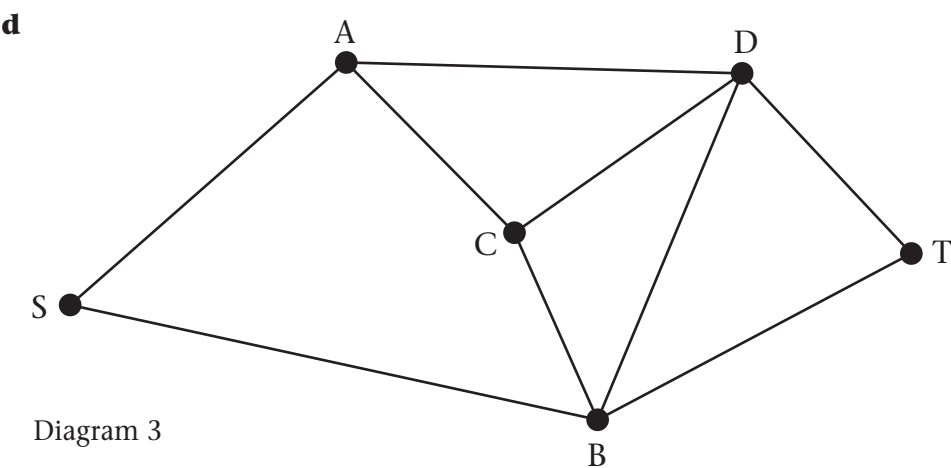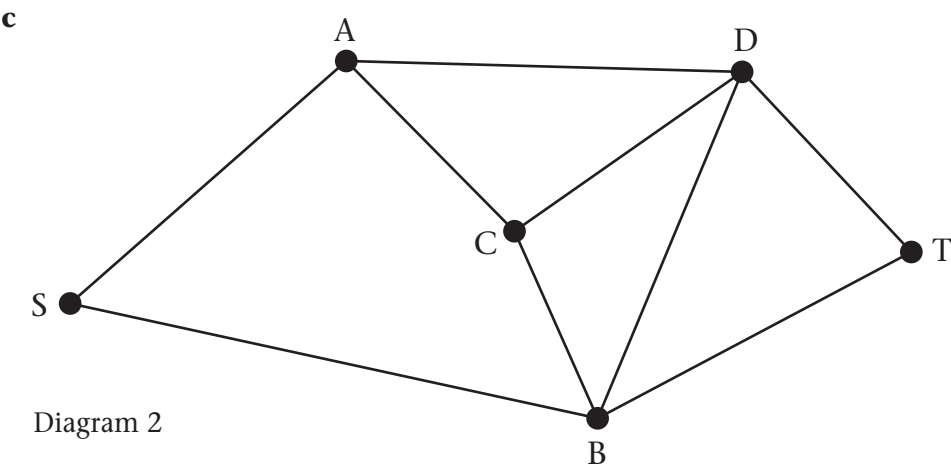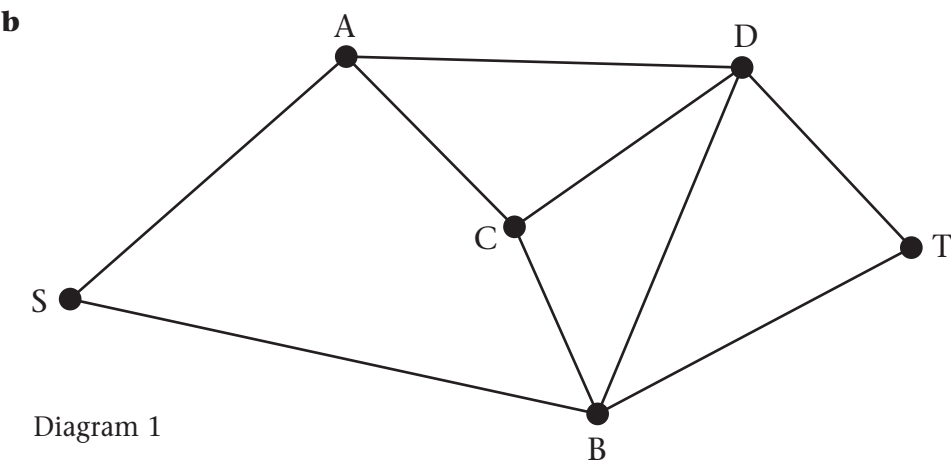
Name: _____

a Flow-augmenting routes
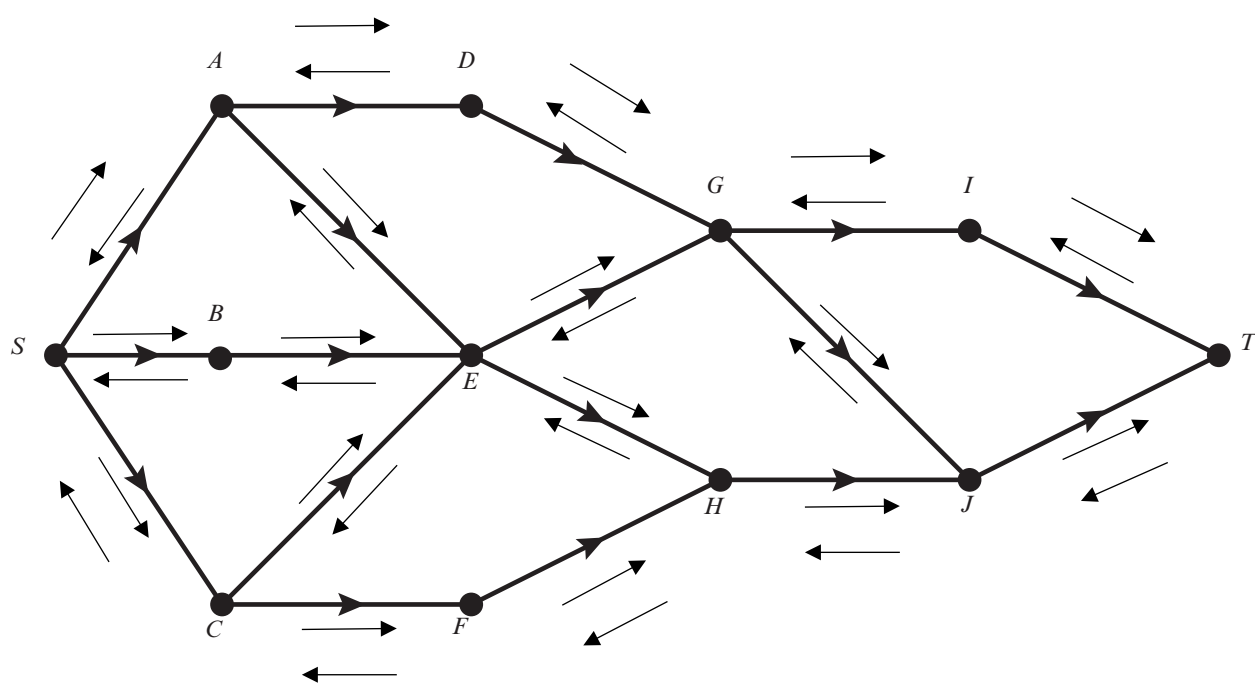
_____

_____

b Maximum flow
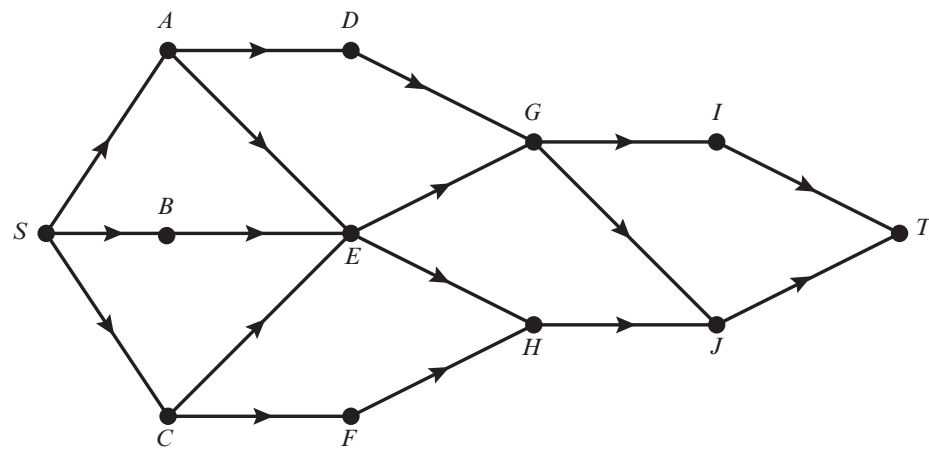
c _____

d _____

_____

_____

Name: _____

a $x =$ _____ $y =$ _____

b   Initial flow _____

c
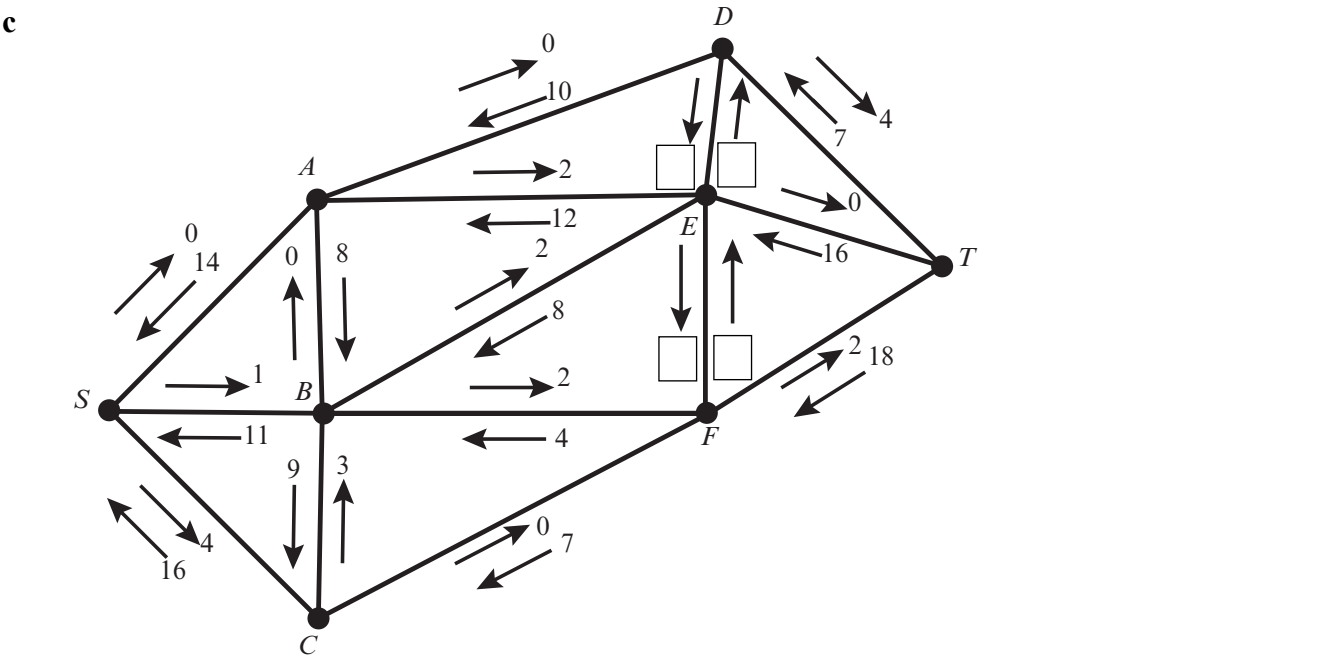
d   Flow-augmenting routes   _____   _____

_____   _____

_____   _____

Maximum flow   _____

e _____

_____

_____

_____

Decision Mathematics 2

Name: _____

a $x =$ _____ $y =$ _____

b   Initial flow _____

_____

_____

c   Flow-augmenting routes

_____   _____

_____   _____

_____   _____
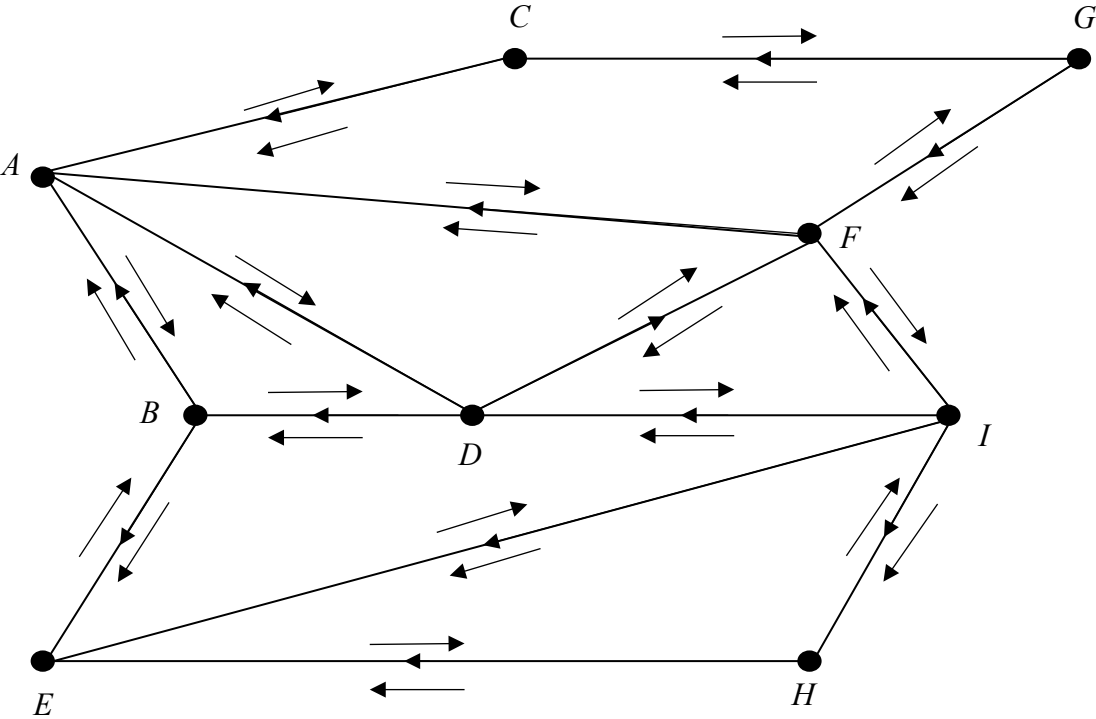
Maximum flow _____

Name: _____

d   Maximal flow pattern

e _____

_____

_____

_____
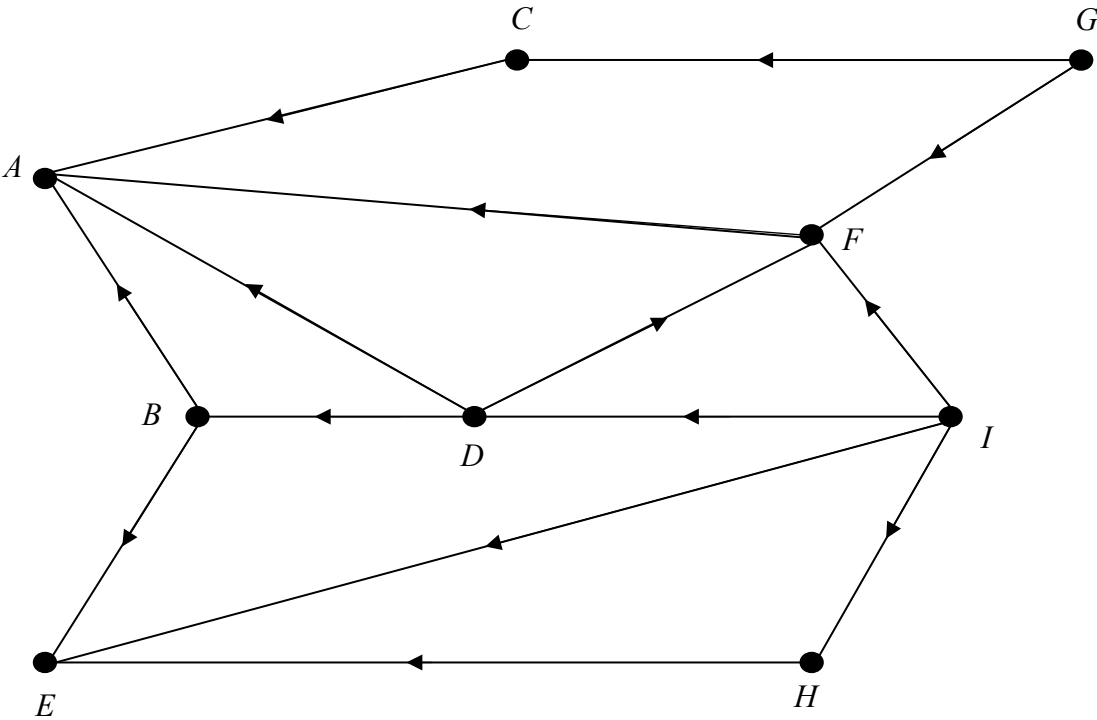
Name: _____

a

Flow through network _____
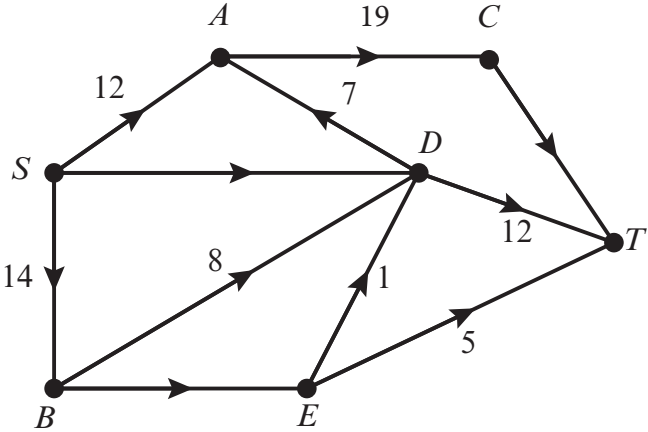
b

Flow-augmenting routes
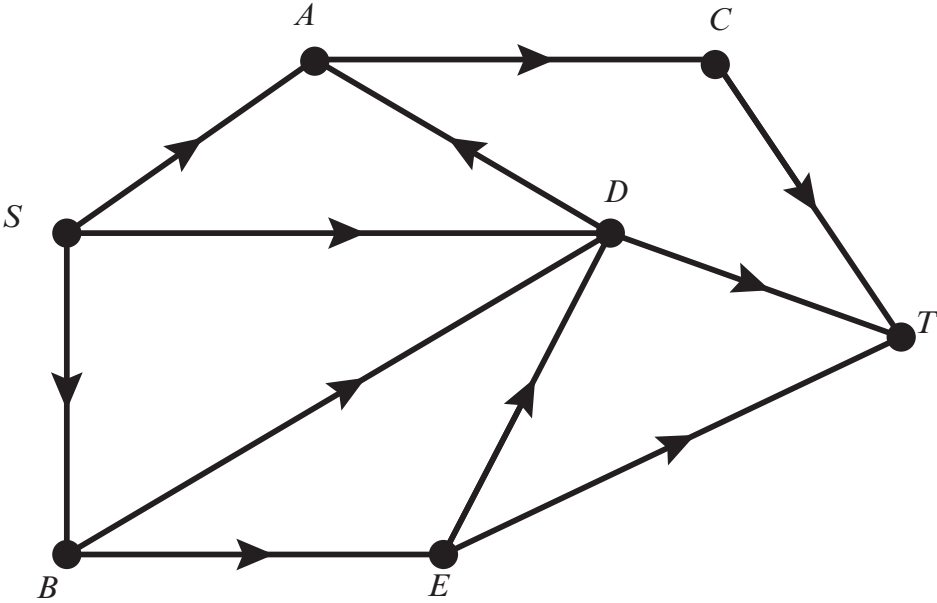
_____

_____

_____

_____

_____

_____

Maximum flow _____

c _____

_____

_____

_____

Name: _____

a $x =$ _____ $y =$ _____

b

c

Name: _____

_____

_____

_____

d
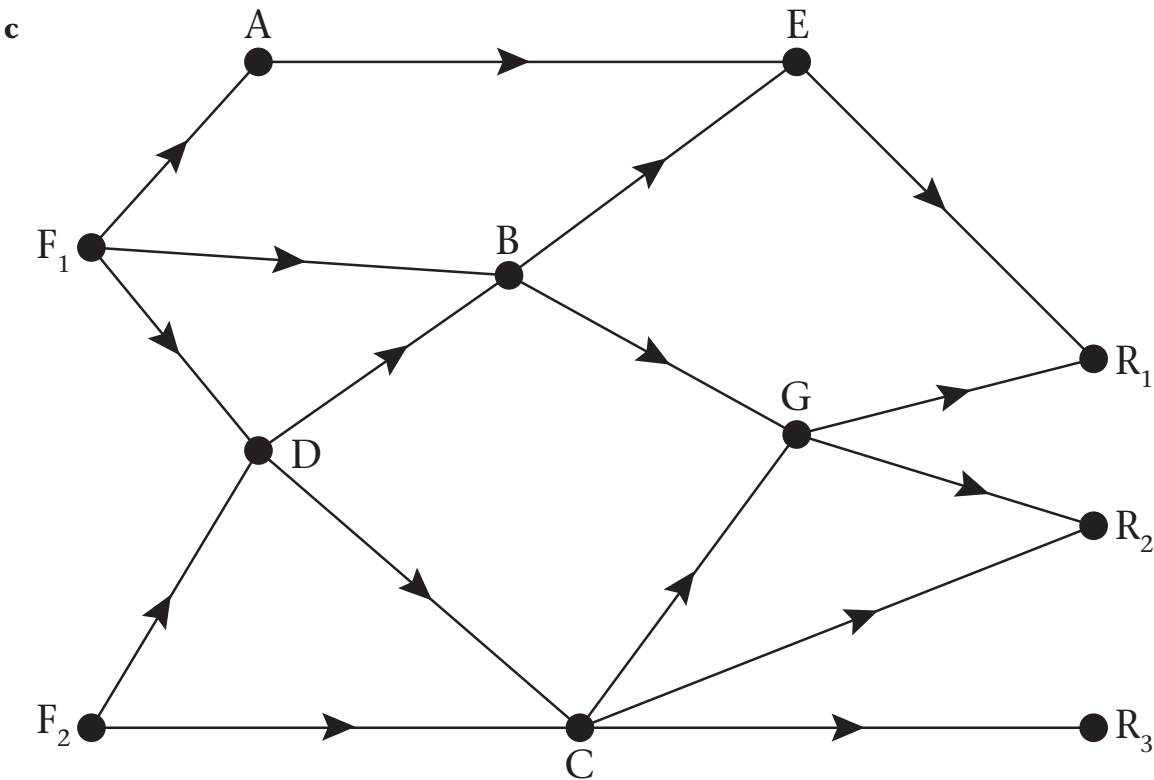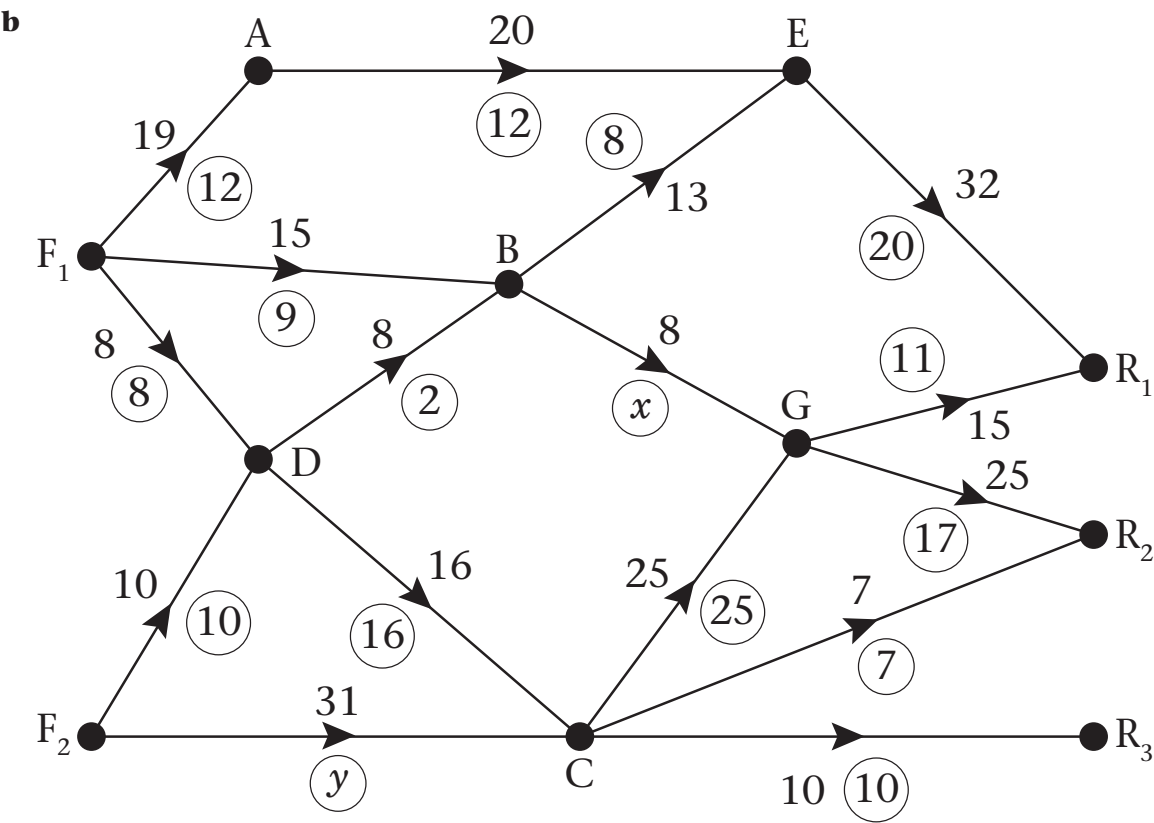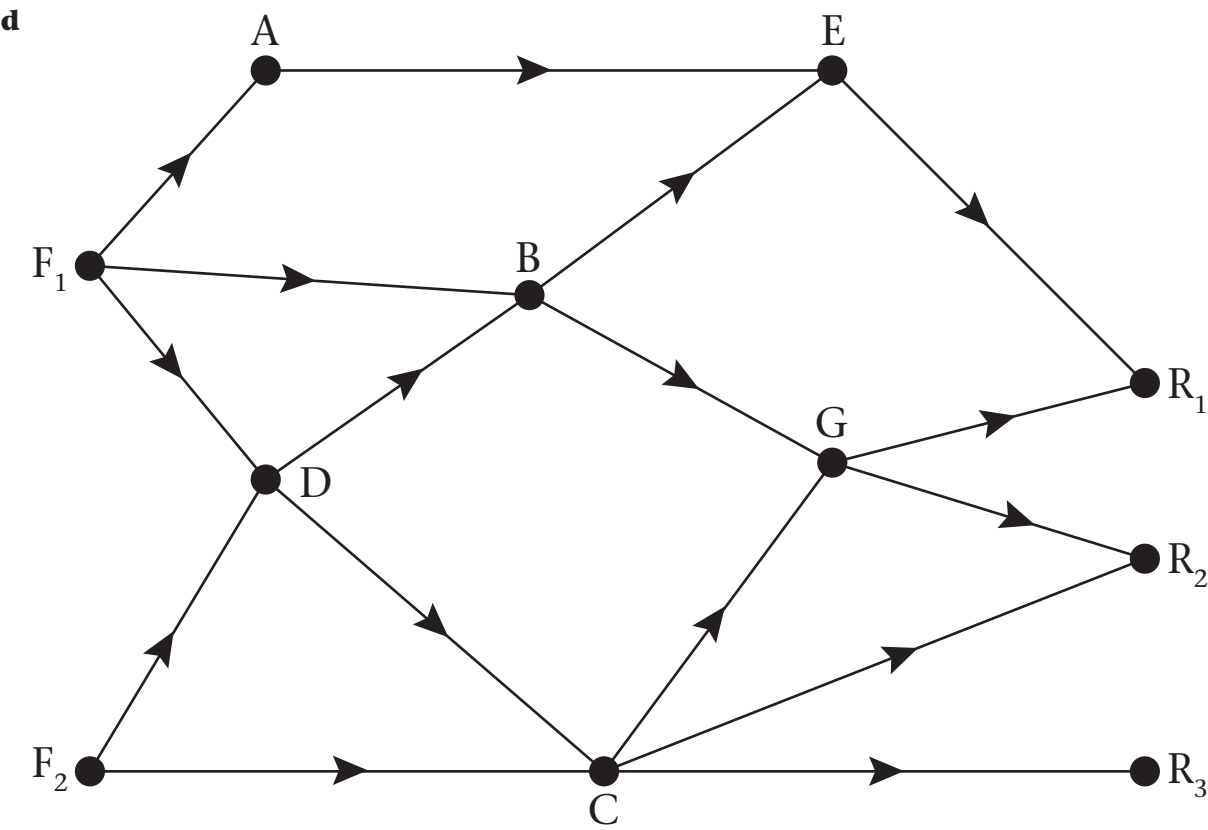
Max flow = _____

e _____

_____

_____

Name: _____

Review exercise 1	Question 31

a

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

c _____

_____

_____

_____

d _____

_____

_____

_____
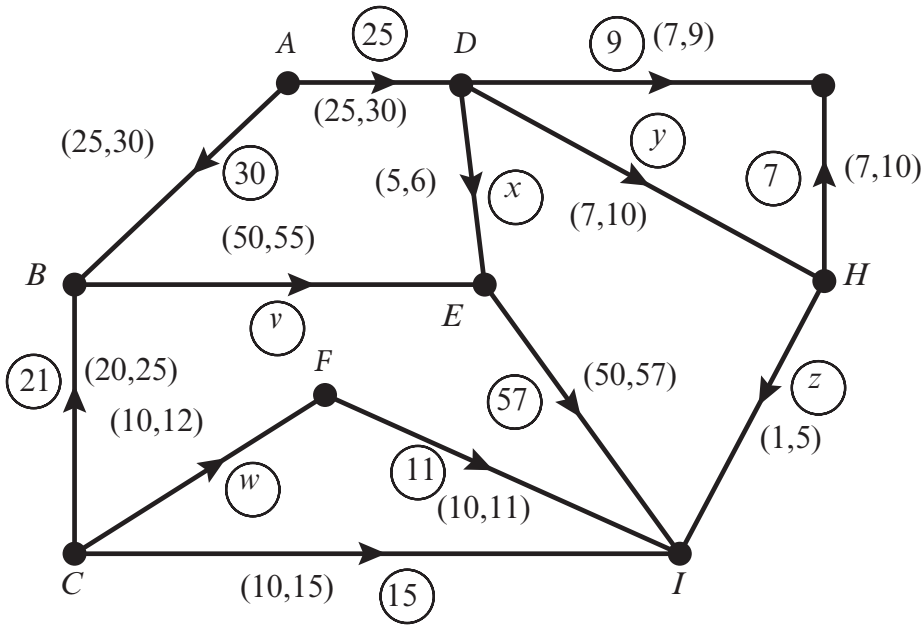
Name: _____
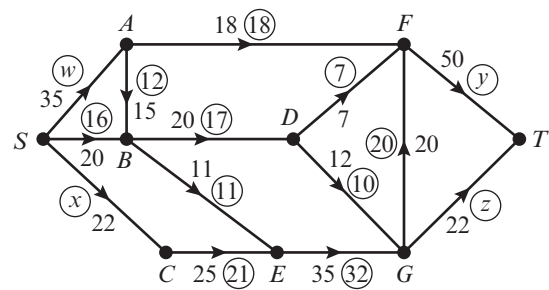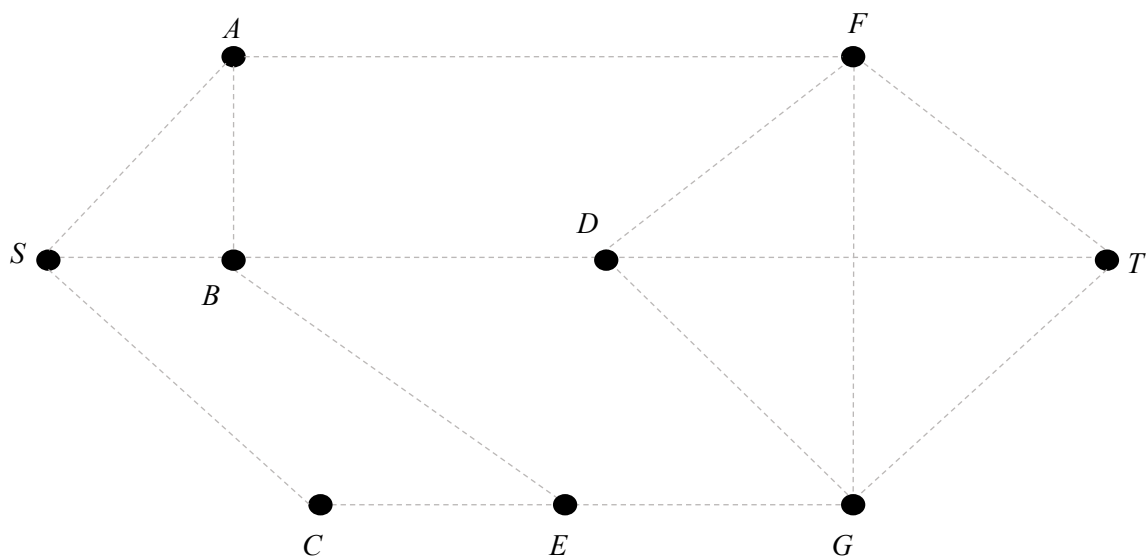
a Value of flow _____

_____

_____

_____

b

c Value of flow _____

_____

_____

_____

Name: _____

a _____

b _____

c

Flow-augmenting routes

_____

_____

_____

_____

Name: _____

d
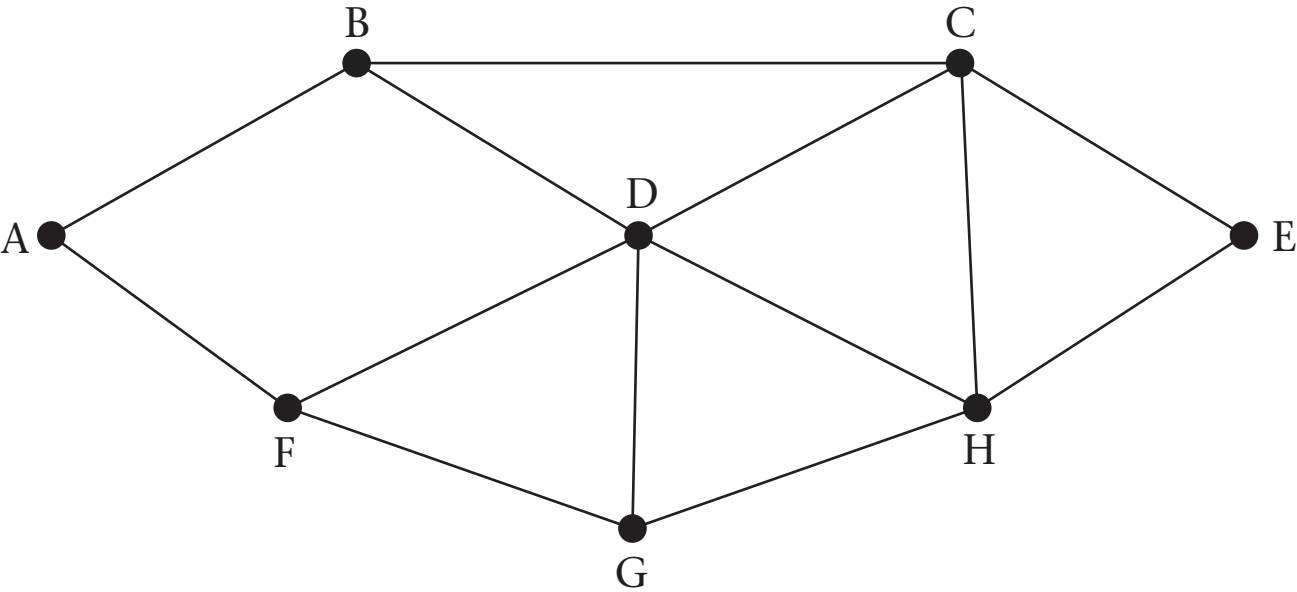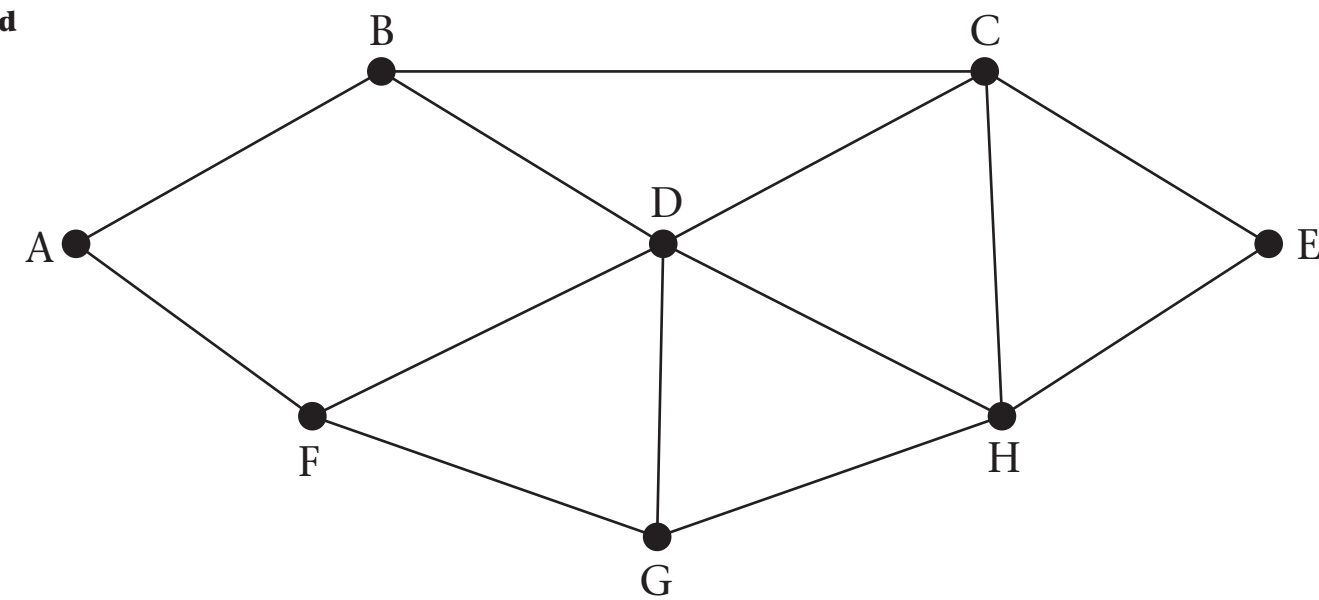
Maximum flow _____

e _____

_____

_____

_____

_____

f _____

_____

_____

_____

_____

g _____

_____

_____

_____

_____

Name: _____

| **Review exercise 1** | Question 34 |
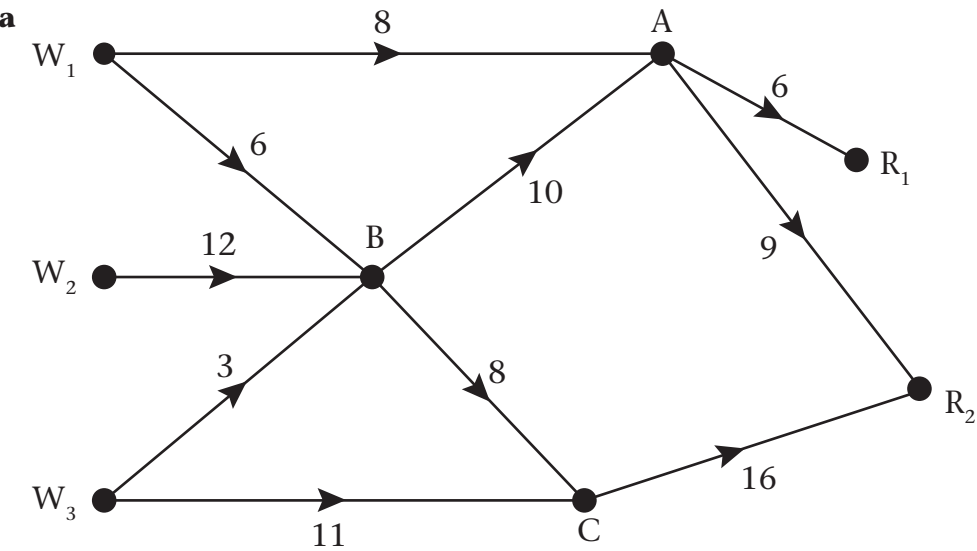
a

b i W W_1 A R_1 R _____

ii W W_3 C R_2 R _____

c

Flow augmenting routes

_____

_____

_____

_____

_____

_____

d _____

_____

e _____

_____

_____

_____

Name: _____

_____

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