a) i)



77)



iii)



d)
$$220 + 147 = 367$$

 $367 - 51 = 316$
 $380 - 316 = 34$

b)
$$i) 1 8$$
 $2 4$
 $ii) \frac{1}{10} \begin{bmatrix} 6 & -7 \\ -2 & 4 \end{bmatrix}$

$$d$$

$$i) 2 \rightarrow P$$

$$ii) 2 \cap 7P$$

$$iii) 4 \leftrightarrow P$$

$$iii) 72 \rightarrow 7P$$

0 0 0

Ux: or (Howering dans) -7 (x) | saves

4.70.4 (i) 0.36 i) 0.18

PAIB = 70% A = 40592 0.18 + 0.28 = 0.46 460

c) A = 95% 1% P BIA
0.0000 (

di) 7/10 ii) 18/32 iii) 50/54

Tozus on auther browsers as more chance of making sals.

x: x is 2° and x 210 and x 13 odd

```
7.
1) 2.9
11) -12
111) -2
111) -2
11) -2
```

fulse as
$$2.4 + 3.2 = 5.6 = 6$$

 $2.9 = 3$
 $3.2 = 4 = 7$

B subset of B

A 13 proper subset Co game subset

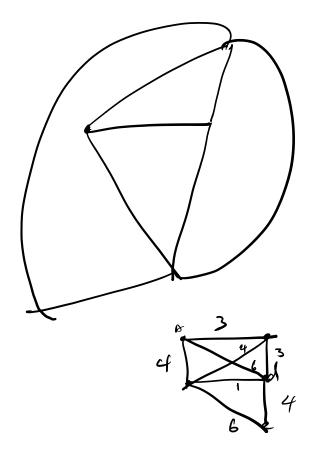
c) No
$$2,4,6,6,2,4,6,$$

 70
 $\{1,3,5\}$ $2,4$ $2,6$ $4,6$

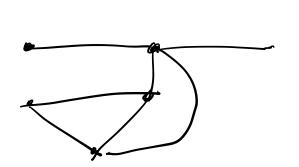
2 2 2 1 2 2 -1 15x 65

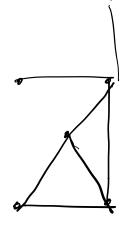
P V 7 r V 7 e

5.



Aicidie 9





B his 3 edges A has 2 edge

1,3 1,4 1,5 2,3 2,4 2,5 3,3 3,4 3,5

a) achi

21 903

45

21,0

85 272

$$272,89 = 17$$
 $85,17 = 5$
 $17,5 = 0$
 $5,0$

$$133760$$
 $760133 = 95$
 $13395 = 38$
 $9538 = 19$

$$9 = \frac{x+1}{x-1}$$

$$y(x-1) = x+1$$
 $y(x-1)-1 = x$
 $y(x-1)-1 = x$

$$\frac{1+y}{y-1} = 3c \left(\frac{y-1}{y-1}\right)$$

$$y - m^2 = n^2$$

$$\sqrt{y-m^2}=n$$

$$n = \sqrt{y-m^2}$$

$$M-n=5$$