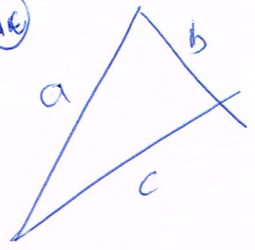


(15)  
(16)



$a+b+c > a$  בסך הכל  
כל 13 2 פשוט  
כל 13 2 פשוט 134

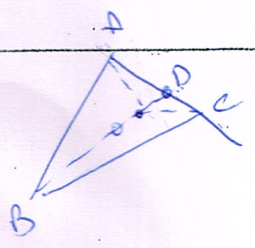
$a+b+c > 2a/2$

$\frac{a+b+c}{2} > a$

$1/3 a > a$

כל 13 2 פשוט 134

(17)

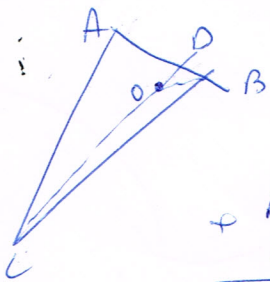


+  $AD + BD > AB$   
 +  $AD + CD > AC$   
 $BD + CD > BC$

$2(AD + BD + CD) > AB + AC + BC$

$AD + BD + CD > \frac{AB + AC + BC}{2}$

כל 13 2 פשוט 134



$AD + DB = AB$   
 $AD + AC > CD$   
 $DB + CB > CD$

$$AD + AC > CD$$

$$DB + CB > CD$$

$$AD + DB + AC + CB > CD + CD + CD$$

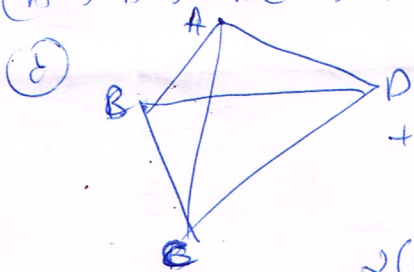
$$AB + AC > CD + CD$$

$$AB + BC > CD + CD$$

$$AC + BC > CD + CD$$

$$2(AB + AC + BC) > 2(CD + CD + CD)$$

$$(P.N) = AB + AC + BC > CD + CD + CD$$



$$BD < AB + AD$$

$$BD < BC + CD$$

$$AC < AB + BC$$

$$AC < AD + CD$$

$$2(BD + AC) < 2(AB + AD + BC + CD)$$

$$BD + AC < AB + AD + BC + CD$$