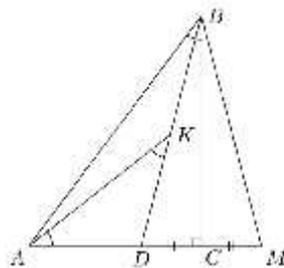


1.  $a > b, a - b > 0, (b - c)(c - a) > 0.$   
 $c > a, c - a > 0, b - c > 0, \dots b > c > a -$   
 $: a > c.$

2.  $64$   
 $1 + 2 + 3 + 4 + 5 = 15$   
 $- 4$   
 $64$   
 $(3, 5, 7, 9),$   
 $64$   
 $64$

3.  $x$   
 $12$   
 $4x$   
 $4x = 12 + 24, \dots x = 9.$   
 $: 9$

4.  $DC, C, CM = CD$  ( ).  $BD = BM$  ( ).  
 $\angle BAK = \angle AKD - \angle ABK = \angle ABC - \angle ABK = \angle KBC = \angle CBM,$   
 $\angle BAM = \angle BAK + \angle KAC = \angle CBM + \angle ABC = \angle ABM.$   $ABC-$   
 $AB, \dots AM = BM.$   
 $, BK = BD - KD = BM - KD = AM - KD = AM - AD = DM = 2DC,$



5.  $16$   
 $16$   
 $x, 16 + 1, 16 + x = a^2, 16 + 15, \dots = 25, x = 9.$   
 $15, 1, 8.$   
 $: 16, 9, 7, 2, 14, 11, 5, 4, 12, 13, 3, 6, 10,$