

II ()

9

-4

:

7

6-7

5-6

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« + »

2-3

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[Redacted text block]

7

[Redacted text block]

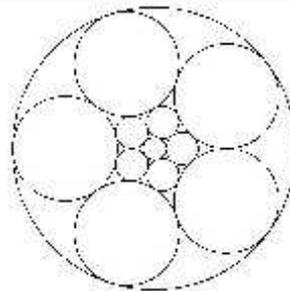
2

12

?

7

[Redacted text block]



3

, $a, b, c, d,$ $a > b > c > d.$
 $(a + b + c + d)^2 > a^2 + 3b^2 + 5c^2 + 7d^2.$
 7

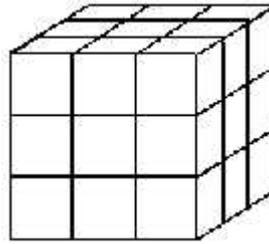
(
 .
 -
 a,
 b,
 c
 d.)
 $a + b + c + d$
 $(a + b + c + d)^2 = (a^2) +$
 $(2ab + b^2) + (2ac + 2bc + c^2) + (2ad + 2bd + 2cd + d^2).$
 $3b^2,$ $ab > b^2.$ $5c^2,$
 $7d^2.$

4

54 . $3 \times 3 \times 3$

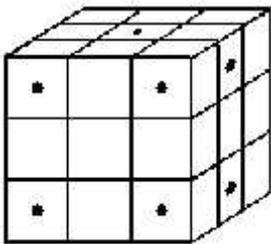
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7

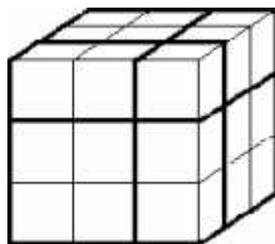


14

.1
 " 14 " .
 6 . : $8 + 12*2 + 6*4 = 56$. 12 4 8
 14, , $14*4 = 56,$ 4
 . 14.
 7 . 2. 7
 14

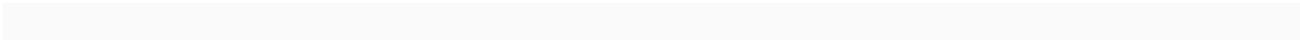


.1



.2

5
9
2:3. ,
7



(. 4 2:3, .) ,

9 , " " 2:3, 2 ,
2:3. 4 . ,
4 .