

H6 94: 4; 4<4= > 0 =4
 9 : m 14

O6 yzyu 5 yzy4
 4 u
 A4 yy6{ yyu
 u uA e √: m 4
 yzyu6

P6 <3 e 3 A6

T6 ; 4; 4004; 94; 0
 1 4
 a 1 e:8::c 1 e:8::m

MPJTJKHDK

M6 4 6 6
 ::? 6 ; 4 ; 98 =
 ; 9 4 9 ?
 6 99 4 <
 6 4
 m 4
 m

H6 $\frac{9}{; \cdot >} + \frac{9}{> \cdot F} + \frac{9}{F \cdot 9} + \frac{9}{\cdot 89F} + \frac{9}{\cdot 8} < \frac{9}{F} 6$

O6 4 e A8 6 A 4 Ay e ?8
 yz 3 zA e yy6 6

P6 6 6
 84: 4; 4=6 6

T6 e: 6 A 4yyA
 e 4yzy6 yA
 6 e 6

M6

6

>6

H6

yzYA
K

yK e 9=мц zK e 98 мц 4
yzYA6

yz
YA e

Амц 6

O6

0 4 1

; 0 : 3 : 1 ? 0 3 1e <6

P6

4

: мц 9F; 4
< 6

$\frac{\sqrt{i}}{<} \text{мц} : 6$

T6

xyaz e : xyzz6
yb e za 3 a бб

0 e 1
б

xyba e xyzz6

M6

4 4

4

84

3 3 e : 8 =

3 3 e 6

$\frac{+}{+} + \frac{+}{+} + \frac{+}{+} 6$

H6

1

6

99

=

1

6

= 3 = 3 = e : 8 : : 8 :

O6

yy.4
z. γ.
6

yA aAy. e < a96

yzyy.z.γ.6
B E

A

zy6

ABE

P6

y 84<1 z0 94=16
y2 z2

шy e
6

z

T6

6

6

6

6

4

1

m

4

m

1

1

m

P6

0 91e < A4 94

$$= \frac{<-A}{-9} = \frac{<-9}{-9} - \frac{?}{-9} = 0 : +910 +91 - \frac{?}{-9} 6 \in \mathbb{Z}4$$

0 91?4 -9 ∈ -?4 -94? 6 0 4 1 ∈ 0 9A<4 >140A8140A4: 140-A<4A16

T6

$$; \frac{0+91}{:} 6$$

0 14

$$y^j = ; \frac{0+91}{:} 6$$

$$; \frac{0+91}{:} 6$$

$$: 8; ; : 8: <$$

; 4

e : 8; ;

6

e : 8: : 6

4

6 94: 4; 4 64: 8: 94: 8: :

a 94: 4; 4 <4= > 4 ? 4A4F49849949: 4 64: 89? 4

: 89A4: 89F4: 8: 84: 8: 94: 8: : 6

4

c

4

6

4

4

6

M6

4

4

$$6 \frac{:}{;} 4 \frac{;}{98} \frac{=}{?}$$

4

; 498 4? 6 4 $\frac{9}{99}$ 4 $\frac{9}{<}$ $\frac{9}{=}$ 4 99 4< 4

= 6

Q 4991 4 Q 84<1 4 Q 4=1 4

6;; 4: 8 4; = 6 e;; 94 e: 8 94 e; = 94 3 3 e:: ?4
 ;; 9 3 : 8 9 3 ; = 9 e :: ? 6 : 8 9 84 ; = 9 8 = 6

9 1 ; = 9 84 ; ; 9 ? 4 9
 F4 F ; ; e : F ? j :: ? 6

: 1 ; = 9 = 4 ; ; 9 : 4 9
 < 6 9 e < 6 : 8 9 3 ; = 9 e F = 6

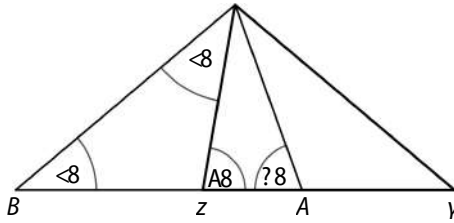
= < 9 3 ? 9 e 9 F 6 0 9 4 9 1 e Q 4 9 1 6 9 ; :
 4 e 9 ; : 4 e > 84 e ; = 4

: = 4 > 8 ; = 6 AA 49A
 6 9: 49= ? 6

H6 $\frac{9}{0+91} = \frac{9}{+9} - \frac{9}{+9} \cdot dj \quad j \ 8 \ 8d \ d \ 94 \ a$

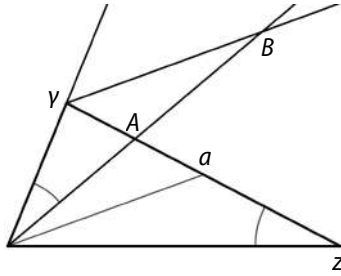
$$\begin{aligned} \frac{9}{; \cdot >} + \frac{9}{> \cdot F} + \frac{9}{F \cdot 9} + \frac{9}{\cdot 9} + \frac{9}{\cdot 89F \cdot 8} &= \frac{9}{F} \cdot \left(\frac{9}{9 \cdot} + \frac{9}{\cdot \cdot} + \frac{9}{; \cdot <} + \frac{9}{\cdot >?} + \frac{9}{\cdot >? <} \right) \\ &= \frac{9}{F} \cdot \left(\frac{9}{\cdot} - \frac{9}{\cdot} + \frac{9}{\cdot} - \frac{9}{\cdot} + \frac{9}{\cdot} - \frac{9}{\cdot} + \frac{9}{\cdot} + \frac{9}{\cdot >?} - \frac{9}{\cdot >? <} \right) \\ &= \frac{9}{F} \cdot \left(9 - \frac{9}{>? <} \right) < \frac{9}{F} \cdot 6 \end{aligned}$$

O6 $B \quad Bz \ e \ zy \ \gamma \ z \ B6 \quad \Delta zyAa \ z \ zyA \ e$
 $9A8 \ A8 \ ?8 \ e ; 8 \ 4 \quad \Delta ByA \ e < 8 \ 3 ; 8 \ e ?8 \ e \ z \ BA \ \gamma \ \Delta yBA$
 $OBy \ e \ BA \ 16 \ yBe \ Bz \ 3 \ zA \ e \ yz \ 3 \ zA \ e \ y \ \Delta yB \ \gamma \ z \ yz \ e$
 $\Delta yB \ \gamma \ e \ z \ yB \ \gamma \ e \ z \ yBz \ e < 8 \ 6$



P6 $j \ \text{н} \ 6$
 $\text{н} \ j \ 4 \ j \ 4 \ j \ 4 \ \text{н} \ \text{н} \ 6$
 $84 : 4 ; 4 = 6 \quad 4$
 $j \ e = 4 \quad 6 \quad a$
 $1j \ e \ \text{н} \ d \ 6$
 $\text{н} \ j \ e \ 84 \ j \ e \ \text{н} \ ; \ 3 \ \text{н} \ e \ 3 \ 4 \ \rangle \ j \ e \ 3 \ j \ 3 = 4 \ 6 \langle j \ e \ j \ 3 = 6$
 $3 = \quad < 4 \quad j \ e ; 4 \quad e \ \text{н} \ e : 4$
 $e = 4 \ e ? 6$
 $1j \ d \ \text{н} \ e \ d \ 6$
 $\text{н} \ e \ 84 \ \text{н} \ j \ e = 4 \ j \ e \ \text{н} \ j \ 6 \ ; \ 3 \ \text{н} \ e \ 3 \ ; \ 3 \ \text{н} \ e \ j \ 3 \ \text{н} \ 3 = 4$
 $: \ 3 \ \text{н} \ e = 4 \quad 6$
 $1j \ d \ \text{н} \ d \ e \ 6$
 $e \ 84 \ j \ e \ j \ e = 4 ; \ 3 \ \text{н} \ e \ 3 \ e : \ 3 = 6 \quad 4 \langle \text{н} \ e \ \text{н} \ j \ 3 \ 984$
 $\text{н} \ j \ 3 \ 98 \quad < 4 \quad \text{н} \ j \ e : 4 \quad j \ e \ 94 \ \text{н} \ e ; 4 \ e$
 $e > 6$

T6 $6 \quad e \ \gamma \ a \ e \ a \ z \ 6 \{ \quad \Delta y \ \gamma \ a \ e \ 4$
 $\Delta y \ a \ e \ \Delta y \ a \ e \ F8 \ -4 \quad \Delta a \ e \ F8 \ 3 -6 \quad \Delta y \ e \ 3 \frac{9A8^\circ -}{:} \ e$
 $F8 \ 3 - e \ \Delta a \ 6 \quad \Delta y \ \gamma \ B \cong \Delta z \ a \ \gamma \ 0 \ 14 \quad yBe \ yz6$



M6

e 98 3 04 16

∴ e 988 ∴ 3 ∴ 8 3 ∴ 4

>6 ∴ 4 ∴ 4p >6 e < e

H6

4 H

yA4yA zy4

4 AE yM

0 16

APe 4 APe AB

e EK e 4yPe yH e MK e A 4yBe yK e 9=4zHe zK e 980

16

yEA zMy

Ay∴ yE e AE e yM

e yz∴ zM4

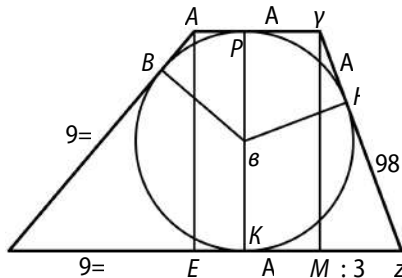
$$Ay∴ - yE∴ = yz∴ - zM∴$$

$$OAB + BA1 - OyK - KE1 = OZH + H1 - OK - KM1$$

$$O = + 1 - O = - 1 = OA - 1 - O + 1$$

$$e \frac{9}{=} m_4 4 = A\sqrt{;} m_4 4$$

$$z = \frac{yZ \cdot yA}{;} = 9; \cdot \sqrt{;} m_4 6$$



O6

9:

6 a; > ∴ A < 3; > ∴ A < e < A4

0 > ? 1 3 0 > ? 1 e = 86 = 8

93 < 4 < 3 9 ∴ = 3 ∴ = 6

	=	<	;	:	9	8	9	:	;	<	=
=	9	9	9	9	9	8	9	9	9	9	9

1
94

99 948

= 3 = 3 =

; 4 : 4 948494: 4; 6

<4=4> ?6

: 8: : : 8: : ≡ <01 шн 9914

66

06

$$yzzy.z.y. \quad m = \frac{j \cdot \sqrt{i}}{<} \cdot M6$$

4 yzzy.z.y.6

ABE

yzzy.z.y.

4

Aya б 0

16

C

.4

6

CBE

6

AB AA
0

66

ACB

Aya

A4

4

4

16

6

6

6

a e CA ayA4

$$j a = \left(\frac{F}{M} \right) a \left(\frac{\leq M}{=} \right) 4$$

$$= \frac{\leq j}{F} 6$$

Aya б

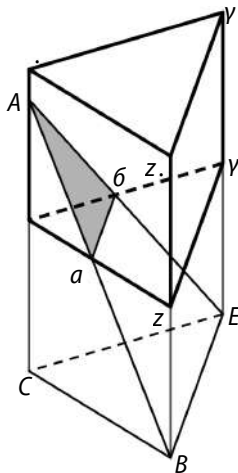
$$M_b = \frac{\left(\frac{\leq j}{F} \right) \cdot \sqrt{i} \cdot \leq M}{<} \cdot \frac{9 >}{9: 9=} j \cdot M \sqrt{i}; 4$$

к

$$M_i = M - M_b = \frac{99=9}{<A>8} j \cdot M \sqrt{i}; 6$$

4

M_b aM e >> a99=96



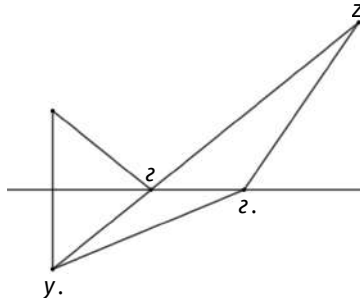
P6

y₂ z₂

z z e y₂ 3 z z 6

y z 6
z e ∩ y z 4 y.
z. ≠ z 6

y₂. 3 z z e y₂. 3 z z. j y z e y₂ 3



$$y.z y_0 = \frac{=}{;} + \frac{:8}{;} 4$$

$$e y_0 y.0 < 4816$$

$$e y_0 z \left(\frac{-=}{:} \frac{4}{=} \right) 6$$

T6

F6 4 F6 F6 4 F6 4 F 6 6

	?	>	=	<	;	:	9
	F	9A	:?	; >	<=	=<	> ;
	F	F	F	F	F	F	F
	?:	A9	FF	98A	99?	9: >	9; =
	F	F	9A	F	F	F	F

F8 4
: ? 4 F9 F8 3 : ? e 99?
FF 9A e A9 98A F e FF
FF498A499? 1
99? F e 98A6
1 9; = c a
1 : ? 4 9Ac
1 6