

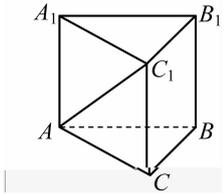
$1, 3, 5, \dots$
 $2, 4, 6, \dots$
 $2, \dots (n \in \mathbb{N}^*)$
 “ ” “ ”

36) **6** (2

$1, 1, 1, \dots$
 $1, 1, 1, \dots$

(6)

(4) 、
 (、)
 、
 、
 “ ”



6

7 (

彰显习题精彩 演绎教材魅力

(744300)

“ ”, , .

1 ,

km,

km/h

()

(: km/h)

; (≤ 2)

(A 5 103 A 8)

$= (2 +) \cdot - = + - \geq 2\sqrt{\cdot -} = 2\sqrt{\cdot -}$

($= - = \sqrt{-}$ “=”)

$= \sqrt{-}$, $\min = 2\sqrt{\cdot -}$

“ \leq ”,

$\sqrt{-} \in (0,]$,

$(\frac{1}{2})$, $= (\frac{1}{10})$, $= \log_2$, $= \lg$ $= \log_+$,

$= \log_+$; > 1 $0 < < 1$

11

10,

$\frac{1}{3}$, $-$, 3 ,

$\begin{cases} ^4 = 81, \\ - + = 10 \end{cases} \Rightarrow 9^4 - 82^2 + 9 = 0, \quad ^2 = 9 \quad ^2$

$= \frac{1}{9}$

8

81,

10,

$\frac{1}{3}$, $-$, 3 ,

$\begin{cases} ^4 = 81, \\ - + = 10 \end{cases} \Rightarrow 9^4 - 82^2 + 9 = 0, \quad ^2 = 9 \quad ^2$

$= \frac{1}{9}$

-3 , $-$, $+$, $+3$,

$\frac{1}{3}$, $-$, 3 ,

2 ,

