

6 â *, Ë2 'è& 9¬ ¬2 7²2 7+\$1+ 75là1* 7+37 7+²&+ 7+¬1+ , 1 P KÑF	+ , Ë0 75\$.+ 2 6Ë7 &+¨7 /læ1* /ª1 Môn: Toán - KhY12 Th ề gian làm bài: 90 phút
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&kX &KR KuQ. ABCD F\$ yABCD Oj KuQK EuQK KjQKP'õFQ FKP yV XS Q·BQ JyL Ç P
CD Y\$ +ÓL Fy W©W F\$ EDFR QKmrX P»W SK·QJ

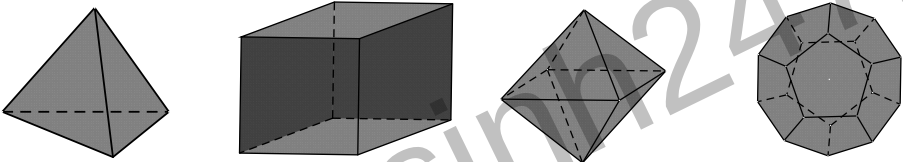
\$ P»W SK·QJ % P»W SK·QJ & P»W SK·QJ ' P»W SK·QJ
&kX .K·QJ yİQK Qj Bai VDX yk\ Oj

\$ +jP yõ|VxQx| | xVxQoj Kjp VÕ O¿
%+jP yõ VxL Q Oj Kjp VÕ NK{QJ FK¹Q NK{QJ O¿
& +jP yõ $\frac{VxL}{x}$ Qj Kjp VÕ FK¹Q
' +jP yõx FRVOj Kjp VÕ FK¹Q

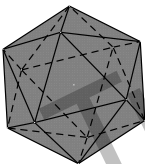
&kX 7tQK JLi WUİFëD xW F E İ S K M P L Q x

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&kX 7URQJ NK{QJ JLDQ FKÍ Fy OR¥LQ ÑQ ÑLy A DQGL E Q x y x\QKm KuQ



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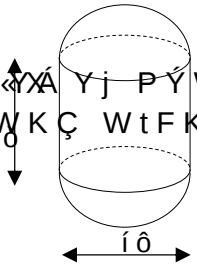
<Z°] Z] uÇ¿] u-š ²µ

\$ OÑL NKÕL yD GLËQ yÅX Fy VÕ P»W Oj QKóQJ VÕ FKLD KÃW FKR
%.KÕL PmáL KDL P»W yÅX Yj NKÕL KDL PmkL P»W yÅX Fy F•QJ VÕ
& .KÕL O±S SKmkQJ Yj NKÕL EiW GLËQ yÅX Fy F•QJ VÕ F¥QK
' .KÕL WÍ GLËQ yÅX Yj NKÕL EiW GLËQ yÅX Fy WkP yÕL [íQJ

&kX &KR Kjp xVõx Fy yxCWMMURQJ KuQK YÁ y↑
'õD YjR yQ Wmñ WuP W©W F\$ FiF yÇi WUİ FëD WKDP VÕ
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&kX 0ÝW FiL E×Q FKÍD [QJ J×P KDL QñBmkKQK F yÁ Yj PÝW KuQK
&iF NtFK WKmßF ymçF JKL F•QJ ykQ FKÍD +m\ WtQK WkÇ WtFK FëD Ex
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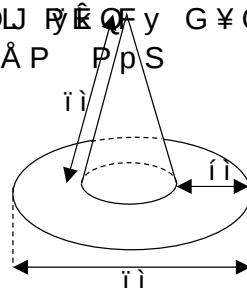
&kX 7tQK GLĚQ WtFK YŚL F«Q Fy ŷÇ PmBŲWFFQJ FĚQ Fy GŲQJ Yj Nt
YĪ ŷR ŷmçF FKR EăL KuQK YÁ ErQ NK{QJ NÇ ULĂP PpS

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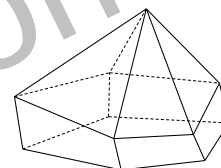
&kX 7URQJ FiF KjP VŌ GmβL ŷklf KjP VŌxQj'R WKŌB PmQ

\$ fx xFRV fx xVL Q fx e' & fx x'

&kX +uQK ŷD GLĚQ WĚBQJ KŁQK P»AWFOj WÍ JLiF"

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PuQK &iF Ej Yç NK{QJ DL E³W WD\ YŲW QKD X +ÓL Fy EDR QKLrX F

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ŷmçF V³S [ĂS WURQJ PÝW EX×QJ FñDWKFKWDX QKŲK YÁ 7tC
ELĂW FKLĂX FDR Yj FKLĂX UÝQJ FēDj PŪLPFiQK FñD O«Q OmçW Oj

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&kX &KR KuQKABEDXFS yABCD Oj KuQK EuQKI KQK W W X Q J S Q Ç.FK FQJ Q K
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&kX 0ÝW FKLĂF KÝS KuQK KÝS FKó QK±WFFy1NtFkL WQmPĀFS QKóQJ
FKmD YXÖW Fy KuQK O QJ WUé OéFRQJiFSQKXGnyıDLQÿkÿÇ YQYLFKYLQX
WtFK√ PP YjR WURQJ KÝS VDR FKR FK~QJ ÿmçFKQĀQJ SiKMDQENX L QK
WKÇ FKÍD ÿmçF WÖL ÿD EDR QKLrX Fkl E~W FKU"

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&kX &KR KuQKABEDXFS ÿi\ Oj KuQKAB FaKAD QK±WDP SABiFkQSWYjL QμP
WURQJ P»W SK·QJ YX{QJ JyF YBSCyNj P y W JSBCDQ JmāQJ*ŃLKOQJWUXQJ
ÿLÇP SDeD7tQKa WIKRBSQd WifYmÇPĀQ P»WSACK·QJ

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' .K{QJ Fy JLi WUŭQJ B PæDQ ŷÅ EjL

&kX 7uP W©W F§ FiF JLimWUŭRWKQFy KFDVŌx D Px V Ō FKÍ QJKĬFK
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xFRV

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&kX ;pW WtQK EĬ FK»Q EñD–FiF Gm\–VŌ VDX
n n

\$ %Ĭ FK»Q WURQ QKmQJ NK{QJ EñFK»Q Q

& %Ĭ FK»Q GmβL QKmQJ NK{QJ EĬFK»Q QEĬ FK»Q

&kX &KR KjP FvŌ ax bx cx d Fy ŷx WKĬ QKm KuQK YĀ-ă ErQ 0ĚQK ŷ
QjR VDX ŷk\ ŷ~QJ"

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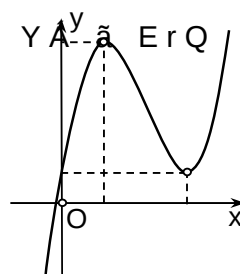
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&kX 9LĂW ED VŌ [HQ JLóD FiF VŌ YjŌ KyQJmVŌ KQJvŌ KFYQK©F
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&kX 9βL QKóQJ JLi WUŭmQYRKmEñDxWKmP xŌ m m x m m F³W
WUéF KRjQK W¥L ED ŷLÇP SKkQ ELĚW Fy KRjQK ŷÝ OβQ KkQ "

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&kX &KR KjP $\frac{x-m}{x}$ Cm 7mP ŷÇ WLĂS VmXVŌLFyDÇP Fy KRMQK ŷÝL

KDL WUéF WŇD ŷÝ PÝW WDP JLiF Fy GLĚQ WtFK EμQJ

& R kSk Z' • ' R - S k Sk Z_R • 1/2 3/4 ċ

&kX +Ñ QJX\ rQ KjP F&D ~~KjP~~ VÖÖj
x x

\$ F x - O $\begin{array}{|c|} \hline x \\ \hline \end{array}$ C % F x O $\begin{array}{|c|} \hline x \\ \hline \end{array}$ C
& F x O $\begin{array}{|c|} \hline x \\ \hline \end{array}$ x | C ' F x - O $\begin{array}{|c|} \hline x \\ \hline \end{array}$ C

&kX 7URQJ NK{QJ JLDQyZ ßEKREEVARYL QF B C 3KmkQJ WUu
P»W S K B Q J O j

\$ y z % x y z y z & ' x y
&kX %D ýíQK FëD PÝW KuQK EuQK KjQK Fy' WËÑD Wt' F IOj FëD KuQK Eu
EμQJ

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&kX 7tQK J $\begin{array}{c} \$ \\ \text{L} \end{array}$ WUĭ $\begin{array}{c} - \\ \text{1} \end{array}$ W $\begin{array}{c} \$ \\ \text{D} \end{array}$ ýmçF
© ©

\$ % &

&kX 7uP FiF ýmáQJ WLĚP F $\begin{array}{|c|} \hline x \\ \hline \end{array}$ Q $\begin{array}{|c|} \hline x \\ \hline \end{array}$ FëD ýx WKĭ K j P VÖ
\$ y Yċ % y y Yċ
& x Yjy x Yjy

&kX 7uP KÑ QJX\ rQ ~~F R V~~ $\begin{array}{c} x \\ \text{V L Q} \end{array}$
~~F R V~~ $\begin{array}{c} x \\ \text{V L Q} \end{array}$

\$ I x | x O $\begin{array}{|c|} \hline x \\ \hline \end{array}$ Q F R V M $\begin{array}{c} x \\ \text{L} \end{array}$ $\begin{array}{c} \text{Q} \\ \text{Q x F R V} \end{array}$ C $\begin{array}{c} \text{V L Q} \end{array}$ %
& I x | x O $\begin{array}{|c|} \hline x \\ \hline \end{array}$ Q F R V V $\begin{array}{c} x \\ \text{L} \end{array}$ $\begin{array}{c} \text{Q} \\ \text{Q x F R V x} \end{array}$ C $\begin{array}{c} \text{V L Q} \end{array}$,

&kX %©W SKm $\sqrt{xQJxWUx}$ $\sqrt{xKx}$ $\sqrt{x}$ $\sqrt{x}$ Fly W±S Q $\begin{array}{c} \text{K L E} \\ \text{L} \end{array}$ K laËX
Fy JLi WUĭ Oj EDR QKLrX"
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+Â7

$$y \quad xOj$$

$$\mathbb{S} \quad \mathbb{R}$$

$$\mathbb{R} - k \quad k \quad \mathbb{Z}$$

$$\& \quad \mathbb{R} \quad \frac{S}{-} \quad k?S \quad k \quad \mathbb{Z}_{\mathbb{R}}$$

$$\cdot \quad ' \quad \frac{1}{2} \quad \frac{3}{4} \quad \mathbb{R} \quad \wedge kS \quad k? \mathbb{Z} \quad \cdot$$

Hã nq d3n qi+i:

$$\tilde{\mathbb{R}} \quad \%$$

$$\mathbb{J} \quad y \quad \mathbb{Q} \quad x \quad \mathbb{F} \quad \mathbb{K} \quad \mathbb{N} \quad \mathbb{L} \quad \mathbb{F} \quad \mathbb{R} \quad x \quad \mathbb{Z} \quad \alpha \quad \frac{S}{-} \quad kS \quad k \quad \mathbb{Z} \quad \cdot$$

$$\mathbb{K} \quad \mathbb{X} \quad \mathbb{K} \quad \mathbb{O} \quad \mathbb{D} \quad \mathbb{K} \quad \mathbb{O} \quad \mathbb{j}$$

sai"

$$\mathbb{S} \quad \mathbb{J} \quad y \quad \mathbb{V} \quad \mathbb{Q} \quad x \quad \mathbb{O} \quad \mathbb{K} \quad \mathbb{P} \quad \mathbb{V} \quad \mathbb{E} \quad \mathbb{K} \quad \mathbb{Q} \quad \mathbb{Q} \quad \mathbb{Q} \quad \mathbb{Q} \quad \mathbb{Q}$$

$$\% \quad \mathbb{P} \quad \mathbb{V} \quad \mathbb{O} \quad y \quad \frac{\mathbb{V} \quad \mathbb{Q}}{x} \quad \mathbb{O} \quad \mathbb{K} \quad \mathbb{P} \quad \mathbb{V} \quad \mathbb{E} \quad \mathbb{K} \quad \mathbb{Q}$$

$$\& \quad \mathbb{P} \quad \mathbb{V} \quad \mathbb{O} \quad y \quad x \quad \mathbb{F} \quad \mathbb{R} \quad x \quad \mathbb{O} \quad \mathbb{K} \quad \mathbb{P} \quad \mathbb{V} \quad \mathbb{E} \quad \mathbb{K} \quad \mathbb{Q}$$

$$' \quad \mathbb{P} \quad \mathbb{V} \quad \mathbb{O} \quad y \quad | \mathbb{V} \quad \mathbb{Q} \quad x \quad x | \quad | \mathbb{V} \quad \mathbb{Q} \quad x \quad x | \quad \mathbb{O} \quad \mathbb{K} \quad \mathbb{P} \quad \mathbb{V} \quad \mathbb{E} \quad \mathbb{K} \quad \mathbb{Q}$$

Hã nq d3n qi+i:

$$\tilde{\mathbb{R}}$$

$$\mathbb{W} \quad y \quad f \quad x \quad | \quad \mathbb{Q} \quad x \quad x \quad \mathbb{Q} \quad | \quad x \quad x \quad |$$

$$\mathbb{Z} \quad \mathbb{D} \quad \mathbb{R}$$

$$\mathbb{B} \quad \mathbb{N} \quad x \cdot \mathbb{R} \quad \mathbb{D} \quad \mathbb{F} \quad y \quad x \quad \mathbb{R} \quad \mathbb{Y}$$

$$f \quad x \quad | \quad \mathbb{V} \quad \mathbb{Q} \quad x \quad x \quad | \quad | \mathbb{V} \quad \mathbb{Q} \quad x \quad x \quad | \quad \mathbb{V} \quad \mathbb{Q} \quad x \quad x \quad | \quad x \quad x \quad | \quad f \quad x$$

$$\mathbb{R} \quad y \quad f \quad x \quad | \quad \mathbb{V} \quad \mathbb{Q} \quad x \quad x \quad | \quad | \mathbb{V} \quad \mathbb{Q} \quad x \quad x \quad | \quad \mathbb{O} \quad \mathbb{K} \quad \mathbb{P} \quad \mathbb{V} \quad \mathbb{E} \quad \mathbb{K} \quad \mathbb{Q} \quad \mathbb{R}$$

$$- \quad x \quad - \quad \mathbb{F} \quad y \quad \mathbb{E} \quad \mathbb{D} \quad \mathbb{R} \quad \mathbb{Q} \quad \mathbb{E} \quad \mathbb{K} \quad \mathbb{O} \quad x \quad S$$

$$\mathbb{S}$$

$$\%$$

$$\&$$

$$'$$

Hã nq d3n qi+i:

$$\tilde{\mathbb{R}} \quad \&$$

$$\mathbb{J} \quad \mathbb{Q} \quad x \quad - \quad \alpha \quad \mathbb{V} \quad \mathbb{Q} \quad x \quad \mathbb{V} \quad \mathbb{Q} \quad \frac{S}{-} \quad \cdot$$

$$\mathbb{C}$$

$$\mathbb{I}$$

$$^a \quad x \quad \frac{S}{-} \quad k \quad S$$

$$\alpha \quad \ll \quad x \quad S \quad \frac{S}{-} \quad k \quad S$$

$$^a \quad x \quad \frac{S}{-} \quad k \quad S$$

$$\alpha \quad \ll \quad x \quad \frac{S}{-} \quad k \quad S \quad k \cdot \mathbb{Z}$$

$$- \quad x \quad \frac{S}{-} \quad k \quad S \quad \mathbb{R} \quad x \quad S \quad \mathbb{Q} \quad \frac{S}{-} \quad k \quad S \quad S \quad \alpha \quad k \quad -$$

$$\mathbb{O} \quad k \cdot \mathbb{Z} \quad k \quad \mathbb{K} \quad \mathbb{O} \quad \mathbb{P} \quad \mathbb{m} \quad \mathbb{Q} \quad \mathbb{D} \quad \mathbb{Y} \quad \mathbb{N} \quad \mathbb{F} \quad \mathbb{R} \quad x \quad \frac{S}{-}$$

$$\mathbb{H} \quad \mathbb{Q} \quad x \quad \frac{S}{-} \quad k \quad S \quad \mathbb{R} \quad x \quad S \quad \mathbb{Q} \quad \frac{S}{-} \quad k \quad S \quad S \quad \alpha \quad - \quad k \quad -$$

[illegible]

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& ~~FKQmKQFKQ~~ ' ~~FKQmKQFKQ~~

$$u_n \quad \text{---} \quad \text{---} \quad \text{---} \quad \text{---} \quad \text{---}$$

$$\mathbb{K} \quad \mathbb{K} P V \tilde{O} \quad y \quad f \quad x \quad V Q \sqrt{x} F E \quad \sqrt{x} \tilde{W} \quad f \quad \frac{S \xi}{\odot} E \mathbb{Q} \quad \cdot$$

N **\$**

$$f \xrightarrow[\textcircled{C}]{\underline{\mathcal{S}}} \frac{\cdot}{\sqrt[1]{\underline{\mathcal{S}}_{\textcircled{C}}}} \cdot \sqrt[S]{\underline{\mathcal{S}}_{\textcircled{C}}} \cdot \sqrt[-\dots]{\underline{\mathcal{S}}_{\textcircled{C}}} \xrightarrow[\textcircled{C}]{\underline{\mathcal{S}}} \frac{\cdot}{\sqrt[1]{\underline{\mathcal{S}}_{\textcircled{C}}}} \xrightarrow[\textcircled{C}]{\sqrt[F]{\underline{\mathcal{S}}_{\textcircled{C}}}} S R \xrightarrow[\textcircled{C}]{\underline{\mathcal{S}}} V S$$

$$K \otimes_{\mathbb{R}} K[PV\tilde{O}] = y \frac{x^m}{x} C_m \bar{U}P \oplus m \hat{\mathbb{D}} \oplus C_m FyK \oplus x N$$

$\$$ $\begin{matrix} a m \\ \ll \\ \ll m \text{ ---} \\ \ll \\ \ll m \\ \ll \\ \ll m \text{ ---} \\ \ll \end{matrix}$
 $\begin{matrix} a m \\ \ll \\ \ll m \text{ ---} \\ \ll \\ \ll \\ \ll m \\ \ll \\ \ll m \text{ ---} \\ \ll \end{matrix}$
 $\begin{matrix} a m \\ \ll \\ \ll m \text{ ---} \\ \ll \\ \ll \\ \ll m \\ \ll \\ \ll m \text{ ---} \\ \ll \end{matrix}$
 $\begin{matrix} a m \\ \ll \\ \ll m \text{ ---} \\ \ll \\ \ll \\ \ll m \\ \ll \\ \ll m \text{ ---} \\ \ll \end{matrix}$

N **\$**

$\mathcal{D}F_{y-x} = y'' - m(y-x) = m(x-y)$

$$y \quad m \quad x \quad m \quad m \quad x \quad m$$

$$x \quad \wedge \quad Oy \quad \ddot{y}B \quad B \quad m$$

$$S \sim OA \sim OB \sim \frac{m}{|m|}$$

$$\frac{m}{m}$$

$$\begin{array}{ccccccc} \text{\$} & \overrightarrow{AM} & \overrightarrow{A M} & \% & \overrightarrow{AM} & \overrightarrow{A M} & \& \overrightarrow{AM} & \overrightarrow{A M} \\ & & & & & & & & , & \overrightarrow{AM} & \overrightarrow{A M} \end{array}$$

Hã ng d3n qi+i:

$$\begin{array}{ccccc} \textcircled{A} T_v^- & A & Ac & \xrightarrow{\quad} & \xrightarrow{\quad} \\ \textcircled{B} & & & \overline{Am} & \overline{Amc} \\ \textcircled{C} T_v^- & M & Mc & & c \end{array}$$
$$\mathbb{R} \times [0, \infty) \rightarrow \mathbb{R}^n$$

~~KÖRDA~~

$\$$ *IOPS* *SAB*

% IOPS	SAD
0	0
10	0
20	0
30	0
40	0
50	0
60	0
70	0
80	0
90	0
100	0

& PS IBD FKQFKyS S ABCD KHKQPIV

$$IBD \cap SAC \quad IO$$

Hã ng d3n gi+i:

$\frac{1}{2} \ddot{Y}$ $\frac{3}{4} \ddot{Y}$ $\ddot{Y}$

DFy OI SA 1/2
OI E SAD Q 3/4
OI SAD Q 1/2

DFy IBD FKQFKySKHKQYIPIF

 $\tilde{RQ}$
$$DF_y \quad IBD \cap SAC \quad IOQ \quad ' \quad Q$$

~~R~~X ~~R~~KuQFKyS S.ABCDFyiJKuQFKQW

FSKOF F*F Dm

$$FD \quad SD \quad QWHR \quad aNDiFK \quad dW$$

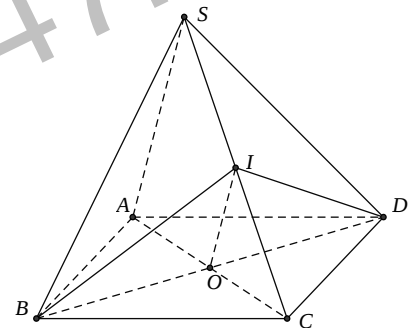
$d \frac{a\sqrt{\quad}}{\$}$ % $d \frac{a\sqrt{\quad}}{\quad}$ $d \frac{a\sqrt{\quad}}{\&}$, $d \frac{a\sqrt{\quad}}{\quad}$

 $iSi\mathbb{Q}$

© $\widehat{SCH}$ 2

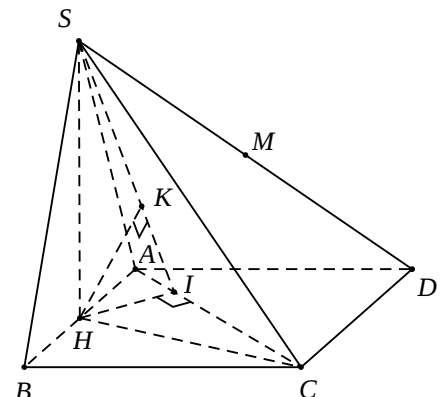
$$\hat{N} \text{ HOFD} \quad \text{ABDFy SH} \quad \text{AA SH} \quad \ddot{Y} \text{ABCD AD}$$
$$F_y \quad SH \quad HC \quad \frac{a\sqrt{\quad}}{\quad}$$
$$\mathcal{D}F_y \quad d \quad d \quad M \quad SAC \quad -d \quad D \quad SAC$$

ρ $-d$ D SAC $-d$ B SAC Q d d H SAC

$$HI \quad AC \quad HKA \quad SI \quad d \quad H \quad SACA \quad HK \quad \ddot{Y}$$
 $IBD \mathcal{Q}$
$$AB \quad a \quad AD \quad a \quad DP \quad IF \quad SABFk \quad W \quad S \quad R$$

SCPKQ ABCDEQ ^R N M O j

~~M_R~~ ~~P_S~~ ~~KQ~~ SAC

$$d \propto \sqrt{a}, \quad d \propto \sqrt{a}$$


[illegible]



$k \cdot & f$

$k \cdot ' f$

iSiQ

$\mathcal{D}Fy \quad x \quad x \quad k \quad x \quad x \quad \frac{k}{\alpha}$

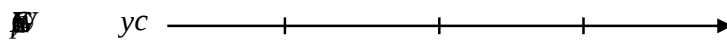
$\mathfrak{S}Kmk\mathfrak{Q}\mathfrak{Q}\mathfrak{E}\mathfrak{S}Kk\mathfrak{Q}\mathfrak{Q}u \quad - \quad \frac{k}{\quad} \quad \alpha k$

$\mathfrak{R}X \quad \mathfrak{U}PFiF\mathfrak{N}\mathfrak{R}\mathfrak{E}\mathfrak{D}KPV\mathfrak{O} \quad y \quad x \quad -x$

$\$ f \quad \mathcal{Y} \quad \% \quad \mathcal{Y} \quad f \quad & f \quad \mathcal{Y} \quad f \quad '$



$\mathcal{D}Fy \quad yc \quad x \quad x \quad x \quad x \quad \begin{matrix} {}^a x \\ \ll x \\ -x \end{matrix} \quad r \quad \alpha$



$\mathfrak{R}KPV\mathfrak{O}\mathfrak{Q} \quad f \quad \mathcal{Y} \quad f$

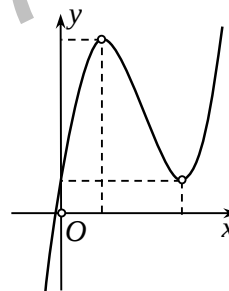
$\mathfrak{R}X \quad \mathfrak{R}RPV\mathfrak{O} \quad y \quad f \quad x \quad ax \quad bx \quad cx \quad d \quad Fy\mathfrak{Q}\mathfrak{Q}mKu\mathfrak{Q}\mathfrak{Q}\mathfrak{Q}\mathfrak{D}\mathfrak{Q}\mathfrak{Q}$

$a \ \$ \ \mathcal{H} \ \ c \ \ ! \ d$

$a \ \% \ b \ \ c \ \ ! \ d \quad \quad \quad !$

$a \ \& \ \mathcal{H} \ \ c \ \ d \ \ ! \quad \quad \quad !$

$a \ ' \ b \ \ c \ \ d \ \ !$



$\mathfrak{I} \quad \mathfrak{R}\mathfrak{D}K\mathfrak{O} \quad x \quad \mathfrak{d}\mathfrak{J} \quad \mathfrak{H}\mathfrak{O}j \quad d \ !$

$\mathcal{D}K\mathfrak{O} \quad \mathfrak{O}E \ f \ x \ \ f \ \mathfrak{Q} \ \ a \ !$
xof

$\mathfrak{R}X \quad \mathfrak{R}\mathfrak{Q}\mathfrak{Q}\mathfrak{D}KDPV\mathfrak{O} \quad m\mathfrak{K}u \ C_m \ y \ x \ \ m \ \ x \ \ m \ \ m \ \ x \ \ m \ m \ \mathfrak{F}W$

$\mathfrak{R}K\mathfrak{R}\mathfrak{D}\mathfrak{E}\mathfrak{S}Kk\mathfrak{Q}\mathfrak{Q}\mathfrak{Y}K\mathfrak{R}\mathfrak{O}\mathfrak{Q}\mathfrak{Q}$

$- \ m \ \ z \quad \quad m \ ! \ - \quad \quad \% \ \ m \ t \ - \quad \quad & \ m \ z \quad \quad '$

iSiQ

$Kmk\mathfrak{Q}\mathfrak{Q}K\mathfrak{Q}\mathfrak{Q}\mathfrak{E}\mathfrak{F}\mathfrak{D}\mathfrak{K} \quad C \ \mathfrak{H} \ \mathfrak{O}x$

$x \quad m \quad x \quad m \quad m \quad x \quad m \quad m$

$\alpha x \quad x \quad m \quad x \quad m \quad m$

$\begin{matrix} {}^a x \\ \alpha \\ \ll x \end{matrix} \quad m \quad x \quad m \quad m \quad \begin{matrix} {}^a x \\ \ll \alpha \\ \ll x \end{matrix} \quad m$

$$\begin{array}{ccccccc} \circ & m & \circ & m & z & & \\ \circ & & \circ & & & & \\ \circ & m & \circ & m & \circ & - & m & z & \circ & m & \circ & z \\ \circ & & \circ & & & & & & & & & \\ \circ & m & \circ & m & z & & & & & & & \end{array}$$
$$\mathbb{E}K\tilde{Q} = m \quad Z$$
$$C_m \quad y \quad x \quad x \quad m \quad x \quad m \quad \text{Ej} \quad \text{V} \quad \text{D} \quad \text{K} \quad \text{P} \quad \text{V} \quad \text{O} \quad m \quad y \quad C_m \quad \text{F} \quad \text{K} \quad \text{P} \quad \text{O}$$
$$m \quad m z \quad m \quad \& m ! - j m z \quad '$$
$$Kmk \rightarrow KQ_j \xrightarrow{F} C_m \rightarrow KQ_j$$

x x m x m $\varnothing$ x x x m $\varnothing$ $\ll$ $\neg x$ x m $\overset{a}{x}$

$$C_m \text{ FKQDESKkQW} \quad \alpha \text{ KmkQQ} \quad \text{FyKDESKkQW}$$
$$\begin{array}{ccccc} \mathfrak{a} & \mathfrak{a} & \mathfrak{a} & \mathfrak{a} & \mathfrak{a} \\ \textcircled{\mathbb{R}} & \textcircled{\mathbb{R}} & \textcircled{\mathbb{R}} & \textcircled{\mathbb{R}} & \textcircled{\mathbb{R}} \\ m & z & m & z & m & z \end{array}$$
$$\tilde{H} \times FzQ \times \times O_{\mathbb{R}} \tilde{E} S K m k \tilde{W} \tilde{Q} \quad \tilde{Q} \tilde{H} \tilde{H} \tilde{W} F y \quad \frac{-x}{x} x \quad \frac{\oplus}{m} \tilde{y}$$

x x x æ x x æ x x xx æ m KÓ

 $\mathbb{E}K\tilde{Q} \quad m$
$$y = \frac{x}{x} = 1 > 0$$

— % & ' .

$$7 \quad D \quad \mathbb{R} \quad \wedge \quad ? \quad \wedge \quad y c \quad \frac{\quad}{x} \quad x \quad D \quad ! \quad \bullet$$
$$K_L y = y - \ddot{Y} \int_{-\infty}^{\infty} Y(\tau) d\tau$$
$$FV\tilde{O} = y \sqrt{x} \mid x \mid Fy$$

\$ _____ % _____ ,

~~SECRET~~
$$\sqrt{x} \quad \sqrt{x} \quad \sqrt{x} \quad | \quad x| \quad | \quad x| \quad t$$
$$\mathbb{N} \quad y \quad | \quad t \ x \quad | \quad x \quad | \quad \text{SOME} \quad | \quad a \quad | \quad b \quad | \quad a \ t \ b \quad | \quad \text{DNE}$$
[illegible]
$$\mathbb{R}^n \times V \rightarrow \mathbb{R}^n \times V$$

&K P W Q

[illegible]
$$E \tilde{Q} Q' = m^2$$
 $m\bar{Q}$

$$D \quad \mathbb{R} \quad y \quad x \quad mx \quad m$$

$$D_{\mathbb{R}} \mathbb{R}^n \cong \mathbb{R}^n \otimes \mathbb{R}^n \cong \mathbb{R}^{n \times n}$$

P V I Q F K E H N O J æ c F y K E x x K O

$\left| \begin{array}{ccccccc} - & ' & ! & \alpha & m & !m & \\ \alpha & & & & & & \end{array} \right|$

[illegible]

% & ' —

$$x^d \quad dESW \quad \sqrt{\alpha x} \quad \sqrt{x} \quad \sqrt{x} \quad \sqrt{x}$$

$$W(f, t) = \sqrt{t} \left(\sqrt{t} \mathbb{E} \left[\frac{t}{\sqrt{t}} \right] \right) = \sqrt{t} \left(\sqrt{t} \right) = t$$

[illegible]

NSF-MQEOj S @

$$\sqrt{x} \sqrt{y} = \sqrt{xy}$$

$$DF_Y \quad \times \quad \times \quad \sqrt{\times} \quad d \quad \times \quad \times \quad \wp \quad \sqrt{\times} \quad FKDKD\tilde{E}Kmk\tilde{K}QFKR \quad \times$$

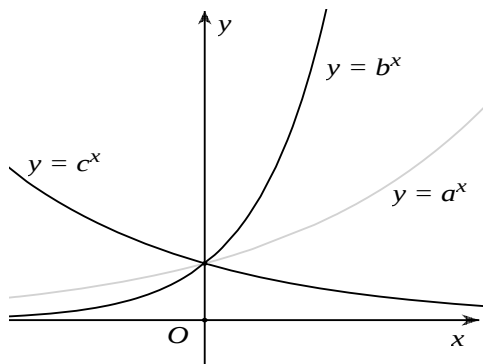
$$\text{DimF} \quad \frac{x}{x} \quad \frac{\sqrt{x}}{x} d \quad \frac{\sqrt{x}}{\sqrt{x}} \cdot \sqrt{x} \cdot d$$

$$W_t = \sqrt{\frac{S^x}{n}} \cdot \frac{SKmk_{\text{QWE}}}{t} - t d - \alpha d d$$

[illegible]

$$\begin{array}{ccc} \mathbb{Q} & b & a \end{array}$$

~~ENVYKÖRD KONKÖ~~



$\tilde{R}_i$

$$R_y c^x \mathbb{Q} \subseteq \mathbb{Q} \subseteq c E \mathbb{Q}$$

$$\mathbb{K} \otimes y \quad y \quad a^m \ddot{Y} \quad b^m \quad a \quad b \quad \ddot{Y}$$

$$\mathbb{R}^X \times \mathbb{P}^V \times \mathbb{O} \times \mathbb{R}_x \times \mathbb{F} \times \mathbb{K} \times \mathbb{L}$$

$\tilde{R}_i$

~~R~~ ~~R~~ ~~a~~ ~~b~~ ~~c~~! ~~Y~~ ~~a~~ ~~b~~ ~~z~~ ~~R~~ ~~F~~ ~~N~~ ~~Q~~ ~~V~~ ~~D~~ ~~N~~ ~~Q~~ ~~R~~

$$R_X \quad R_{QIV} \quad -\frac{\delta}{C} \quad \cdot \quad - \quad \frac{\delta}{Dif_5} \quad \cdot$$

(C) 1 (C) 1

$$KX \quad PV\tilde{O} \quad F \times \quad V \times LQ \quad xF \quad PVP \quad PF\tilde{D}K \quad PV\tilde{D}K'$$

$$f(x) = \frac{1}{x} \quad \text{on } (0, \infty)$$

$$F_x - \frac{0}{x} \Big| C \qquad \% F_x - \frac{0}{x} \Big| C$$

$$F(x) = \left| \frac{x}{x} \right| C \quad ' F(x) = \left| \frac{0}{x} \right| C$$

$$m \quad f(x) = \frac{1}{x} - \frac{1}{x} \quad \frac{1}{x} \quad \frac{1}{x}$$

$$f(x) dx = 3 f(x) dx \quad 3$$

$$f(x) = \frac{1}{x} \quad f(x) = \frac{1}{x} \quad f(x) = e^x \quad f(x) = x$$

$f(x)$	$f'(x)$
$\frac{1}{x^3}$	$-\frac{3}{x^4}$
$\frac{1}{x^2}$	$-\frac{2}{x^3}$
$\frac{1}{x}$	$-\frac{1}{x^2}$
e^x	e^x
x	1

$$f(x) = \frac{1}{x}$$

$$I = 3 f(x) = 3 \frac{1}{x} = \frac{3}{x}$$

$$\frac{1}{x} = \frac{1}{x} \quad \frac{1}{x} = \frac{1}{x}$$

$$m \quad \frac{1}{x} = \frac{1}{x} \quad \frac{1}{x} = \frac{1}{x}$$

$$I = \frac{1}{x} = \frac{1}{x} \quad \frac{1}{x} = \frac{1}{x}$$

$$I = 3 \frac{f(x)}{f(x)} dx$$

$$I = \frac{1}{x} = \frac{1}{x} \quad \frac{1}{x} = \frac{1}{x}$$

$$I = \frac{1}{x} = \frac{1}{x} \quad \frac{1}{x} = \frac{1}{x}$$

iSiQ

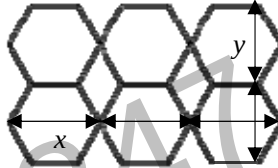
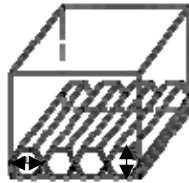
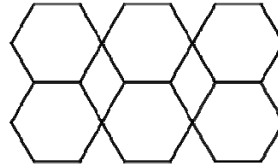
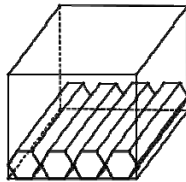
$$f(x) = \frac{1}{x}$$

$$f(x) = \frac{1}{x} \quad f(x) = \frac{1}{x} \quad f(x) = \frac{1}{x}$$

$$f(x) = \frac{1}{x} \quad f(x) = \frac{1}{x}$$

$$I = \frac{f(x)}{f(x)} dx \quad I = 3 \frac{f(x)}{f(x)} dx$$

$$I = 3 \frac{f(x)}{f(x)} dx \quad I = 3 \frac{f(x)}{f(x)} dx$$



$$\frac{1875\sqrt{3}}{2} \text{ mm}^3$$



one

$$B \frac{V}{h} \frac{\sqrt{\hbar}}{\sqrt{\hbar}}$$

Ñ a PP OjgE QjF D Fk\ E WKu D Fy F Q F Q

WFK Fd y\ E WFKu Oj

$$\frac{\sqrt{a}}{PP}$$

~~WMPmFÉQFDOEIFA~~

$$\frac{\sqrt{}}{}a \quad \frac{\sqrt{}}{}a \quad - \quad \alpha PP$$

$$x \sim D \quad y \sim a\sqrt{PP} \quad \sqrt{PP}$$

ĐĐKkMđFĐFKĂKŚĐFyVĐkĲnđW

$$KH\mathbb{R}K\mathbb{Q}j \quad \xrightarrow{\chi} \quad Fk\backslash$$

$$E_{\text{JHRKE}} \text{Oj} \quad \frac{\quad}{y} \quad \sqrt{\quad} \quad K_{\text{DQEiFKNiF}} F_{\text{KE}} \text{OjKu}$$

$$F\hat{Q}K\tilde{\Delta}n\tilde{F}\tilde{D}FkEW$$

~~Q~~~~U~~~~E~~~~R~~~~K~~~~D~~~~j~~~~n~~~~ç~~~~R~~~~S~~~~O~~~~j~~

$FkEW$

ℓ ~~W~~~~K~~~~Q~~~~D~~~~R~~~~P~~FiQF~~D~~KuQFKQ~~E~~yFKQ~~W~~

~~FRQmFVS&W~~

~~P~~~~H~~~~D~~Ku~~Q~~~~N~~mKu~~Q~~~~J~~~~M~~~~F~~KF~~D~~E~~R~~~~D~~

$E\tilde{A}K\tilde{A}DJK\tilde{A}D$

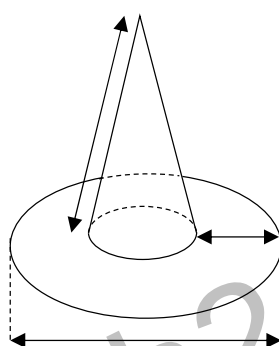
$$P\hat{E}iQF\hat{D}OQm\hat{D}P\hat{F}$$

Theo

$$V = \frac{1}{3} S h$$

Đúng

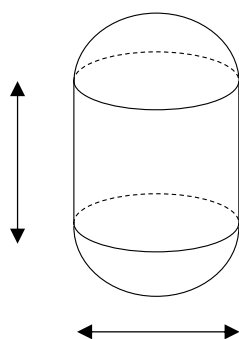
Đúng



$$S = \pi r^2$$

Đúng

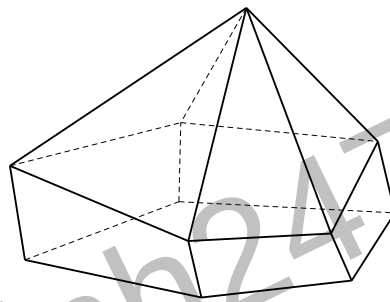
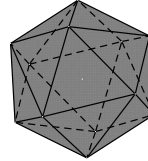
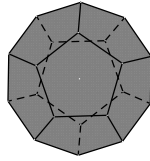
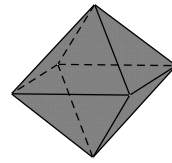
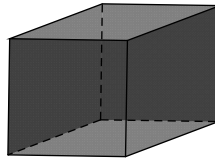
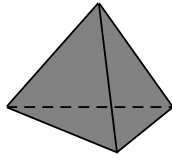
Đúng



$$S = 2\pi r h$$

$$V = \pi r^2 h$$

Đúng



M m m m $\mathcal{E}$ $|\overline{MB}$ $\overline{AC}|$ Oxyz FKRDE A B C E Q
%
 $\overline{AC}$ $\overline{MB}$ m m m
 $|\overline{MB}$ $\overline{AC}|$ $\sqrt{m \quad m \quad m}$ $\sqrt{m \quad m}$ $\sqrt{\quad m}$
 $|\overline{MB}$ $\overline{AC}|$ m
Oxyz FKRDE B C A E OPMQF
 $\overline{CE}$ $\overline{EB}$ E

$$E \times y \times z \xrightarrow{\mathbb{W}} \overrightarrow{CE} \quad \overrightarrow{EB} \quad \overset{\circ}{\mathbb{R}y} - \ddot{Y}$$
$$\begin{array}{c} - \\ \circ X \\ \circ \\ \circ \\ \circ \textcircled{R} Y - \dot{Y} \\ \circ \\ \circ \\ \circ Z - \end{array}$$

— → —

$$Oxyz FK E \quad B \quad C \quad \tilde{A} \quad E O P M P m F$$
$$\begin{array}{cc} \overrightarrow{RX} & \overrightarrow{RQ} \\ \overrightarrow{CE} & \overrightarrow{EB} \end{array}$$
$$\left| \overrightarrow{MB} \quad \overrightarrow{AC} \right| \quad m$$
$$\left| \overrightarrow{MB} \quad \overrightarrow{AC} \right| \sqrt{m \quad m \quad m} \quad \sqrt{m \quad m} \quad \sqrt{m}$$
$$\overrightarrow{AC} \quad \overrightarrow{MB} \quad m \quad m \quad m$$

%&

 $m \in \mathbb{Q}$

Oxyz FKRD $\begin{matrix} A & B & C & D \end{matrix}$

$$M \quad m \quad m \quad m \quad \mathcal{C} \quad \left| \overrightarrow{MB} \quad \overrightarrow{AC} \right.$$

M m m m $\mathcal{C}$ $|\overrightarrow{MB}|$ $|\overrightarrow{AC}|$ Oxyz FKRDE A B $\overline{\quad}$ C $\mathcal{E}$
 $\%$ mE $\mathcal{Q}$ $\&$

$\sqrt{}$

$\sqrt{}$

$\sqrt{}$

A B C

$\overline{AB}$

$\overline{AC}$

S_{hh}

S_{ABC}

AB AB

A

$\sqrt{}$

$\&X$

$\&X$

Oxyz FKED

A

B

C

$\&mkQ$

$\&X$

ABC Oj

x y z

% y z

$\&$ x y

' y z

m

$\overline{AB}$

$\overline{AC}$

ABC T A

FyHfKSi

$\overline{AB}$ $\overline{AC}$

$\frac{1}{4}$

ABC $\ddot{x}$ y z

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