



ক্যাটাগরি: প্রাইমারি (৩য়-৫ম শ্রেণী)

সময়: ১ ঘন্টা ১৫ মিনিট

নাম(বাংলায়):

শ্ৰেণী(২০০৯ সাল):

Name (In English):

Registration No:

্রিই উত্তরপত্রের নির্দিষ্ট স্থানে উত্তর লিখতে হবে। খসড়ার জন্য পৃথক কাগজ ব্যবহার করতে হবে এবং তা জমা দিতে হবে। সকল সংখ্যা ইংরেজীতে লেখা হয়েছে। সবাইকে নিজ নিজ উত্তরপত্র জমা দিতে হবে।

C Ükm	DËi
CK®	
hw` $a \text{ Ges } b \text{ DfqB wetRvo msL"v nq wbtPi} \text{ tKvbwU Aek"B wetRvo nte? If } a \text{ and } b \text{ are}$	i)
both odd numbers, which of the following must be an odd integer?	$(a + b)^2 -5$
i) $(a + b)^2 - 5$ ii) $a^2 + b^2$ iii) $(a + 1)^2 - (b + 1)^2$ iv) $(a - b + 1) - 9$ v) $(a + 1) \times (b + 1) - 2$	
iv) (a - b + 1)-9 $v) (a + 1) x (b + 1) - 2$	
GKwU evt· 2 †_‡K 49 ch®l 4 Gi ¸wYZK (4 Øviv wefvR") msL"v¸‡j v ivLv nj ev‡· †gvU	12, 312
KqwU msL"v Av‡Q Ges ev‡vKv msL"v_‡j vi †hvMdj KZ?	,
There are all the multiples of 4 from 2 to 49 in a box. How many numbers	
are there in the box? What is the summation of all numbers which are in the	
box?	
30 nU ev‡ i cůZ ZZxq ev‡ GKnU dji, cůZ cÂg ev‡ GKnU PK‡j U Ges cůZ `kg ev‡	0
GKNU eB ivLv AvtQ Ggb KZ_tjv ev- AvtQ th_tjvtZ eB Ges GKNU dj AvtQ nKš'tKvb	
PKţj U †bB?	
Each third box contains a flower, each fifth box contains a candy and each	
tenth box contains a book. In a row of 30 boxes, how many boxes do contain	
a book and a flower and no candy?	
QviţcvKv Rtb¥i ciw`b t_tKB cůZw`b GKwU Kţi ev"Pv t`lqv`ijyKţi QviţcvKv MţelK wg:	32
cổYb 27 tdeŷqwi GKwU evt· m`" Rb¥tblqv GKwU QviţcvKv ti‡L w`ţjb 2 gvP©tk‡l H	
evt· 16 NU Qvi‡cvKv _vKtj 3 gvP@tktl H evt· KqnU Qvi‡cvKv _vKte? [eQinU 2005 t_tK	
2010 Gi gṭa"]	
A bug starts breeding on the very next day of its birth. On 27 th February bug	
researcher Mr. Pranon kept a new born bug in a box. The number of bugs in	
that box after 2 nd March is 16. What is the number of bugs in that box after	
3 rd march? [The year is between 2005 and 2010]	
x, y, z wfbowfbotgsinj K msL"v thLvtb $x - y = z$ Ges $x < y < z \mid x$ Gi gvb me@bgokZ ntZ	5
cvți?	
If x, y, z are three different prime numbers satisfying $x - y = z$ and $x < y < z$,	
then what is minimum value of x ?	
then what is illiminum value of λ !	



WvP-evsj v e vsK - c g Avtj v MvYZ Drme 2010 ম্যামনসিংহ আঞ্চলিক গণিত অলিম্পিয়াড



4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	19 911911 1310
Av‡qvRK: evsj v‡`k MwYZ	ZAwjw¤úqvWKwgwU

CŘæ	DËi
GKıU ev‡ QqıU msL"v Av‡Q G‡`i †h‡Kvb GKıU Ab" cuPıUi M‡oi mgvb (i)	GKwU msL"v 3 (i) 15
ntj Ab" cwPwUi thvMdj KZ? (ii) msL"v¸tjv wj L	(ii) 3,3,3,3,3,3,3
A box contains six numbers. Any one of them is the average of	the rest five.
(i) If one number is 3, what is the sum of the rest five numbers?	11) What are
those six numbers? 26 gvP©evsj vt`tki	7u +Nuul 7 ng 2 2 5 42 67
26, 03 Ges 2010 Gi ¸Yd‡j i ‡gvŠnj K Drcv`K¸‡j v nbYq Ki	Zv \uparrow Nwl Z $\mid q \mid 2, 3, 5, 13, 67$
26th March is the Independence Day of Bangladesh. Indep	pendence of
Bangladesh was declared on 26/03/1971. Find out all the prime f	
product of 26, 03 and 2010.	
$(2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2) - (4 \times 4 \times 4 \times 4) + (4 \times 4 \times 4 \times 4) - (16 \times 16) = ?$	0
$\angle Z = 90^{\circ}$	Ges $\angle X = 30^{\circ}$
Z $Z Z Z Z Z Z Z Z Z Z$	Y Gi cwigvc
KZ?	
Y $Z = 90^{\circ}a$	
A $2 \angle Y$. Therefore $A = A + A + A + A + A + A + A + A + A + $	
A value of the	∠Y.
GKwU Nţi 6 Rb AwZw_ eţm AvţQ Gţ`i c#Z"ţK nq imgvjvB cQ>` Kţi,	ov na ivDtfvM F
co` Kti Zte Aší Z GKRb imgvj vB co` Kti hw` thtKvb `BRtbi	
ivRtfvM co` Kti Zvntj AvZv_t`i tgvU KZRb ivRtfvM co` Kti?	ASI Z GIAID
4 visitors are sitting in a room. Each one likes <i>ROSMALAI</i> or <i>I</i>	AJVOG. At
least one likes <i>ROSMALAI</i> . Given that between any two students	
likes <i>RAJVOG</i> . How many visitors like <i>RAJVOG</i> ?	
CWPNU wi Kkv côZ NyUvq h_vµtg $\frac{20}{30}, \frac{10}{20}, \frac{40}{60}, \frac{55}{50}, \frac{50}{60}$ gvBj Ptj m	etPtq $\[\frac{8}{5} \]$
	5
wi Kkvi teM Ges metPtq axi Mvgx wi Kkvi tetMi thvMdj KZ?	
Five rickshaws run at a speed of $\frac{20}{30}$, $\frac{10}{20}$, $\frac{40}{60}$, $\frac{55}{50}$, $\frac{50}{60}$ mil	es per hour
respectively. Find the sum of the speed of the fastest ricksh	aw and the
slowest rickshaw.	
MwYZ Awjw¤úqv‡W gyFv‡m® GKwU `j‡K mgvb m`m" wewkó 8 wU `‡j fvM Kiv h	
m`m"wewkó 12 wU`‡jI fvM Kiv hvq H`‡ji gyfvm₽i6 m`‡m"i menBogæKi	Z₃‡jv`‡j fvM│
Kiv hvte?	1 1 0
A group of MOVers can be divided into 8 teams with an equal MOVers in each team or into 12 teams with an equal number of	
MOVers in each team or into 12 teams with an equal number of each team. What is the minimum number of groups that can be	
each group having 6 MOVers?	TOTHING WILL
	1





ক্যাটাগরি: জুনিয়র (৬৯-৮ম শ্রেণী)

সময়: ১ ঘন্টা ১৫ মিনিট

নাম(বাংলায়):

শ্ৰেণী(২০০৯ সাল):

Name (In English):

Registration No:

[এই উত্তরপত্রের নির্দিষ্ট স্থানে উত্তর লিখতে হবে। খসড়ার জন্য পৃথক কাগজ ব্যবহার করতে হবে এবং তা জমা দিতে হবে। সকল সংখ্যা ইংরেজীতে লেখা হয়েছে। সবাইকে নিজ নিজ উত্তরপত্র জমা দিতে হবে।]

CKe	DËi
MwYZ Awjw¤úqv‡W gyfv‡mf GKwU `j‡K mgvb m`m" wewkó 8 wU `‡j fvM Kiv hvq, Avevi mgvb m`m" wewkó 12 wU `‡jI fvM Kiv hvq H `‡ji gyfvmf i 2 m`‡m"i me@bgœKZ¸‡jv `‡j fvM Kiv hv‡e?	12
A group of MOVers can be divided into 8 teams with an equal number of MOVers in each team or into 12 teams with an equal number of MOVers in each team. What is the minimum number of groups that can be formed with each group having 2 MOVers?	
Pvi At¼i th KqwU msL"v Av‡Q hv‡`i t_‡K 12 we‡qvM Ki‡j Zv 12 w`‡q, 13 we‡qvM Ki‡j Zv 13	2964,
w tq Ges 19 wetqvM Kitj Zv 19 w tq fvM hvq tm msL v w bYQ Ki Find all the 4-digit	5928,
numbers which are divisible by 12, 13 and 19 if 12, 13 and 19 are subtracted from the numbers respectively.	8892
Wig X Gi Atak tZj witq cY Wig Y Gi gta X Gi wø Y tZj ati Ges eZgvtb tmwUi B	
ZZxqvsk †Zj \mathbf{w} †q \mathbf{c} Y \mathbf{q} X Gi me †Zj Y G †Xtj \mathbf{w} †j Gi KZ Ask A \mathbf{c} Y \mathbf{q} VKte?	1,
Drum X is half full of oil and drum Y, which has twice the capacity of drum X,	¹ / ₁₂
is two third full of oil. If all of the oil in drum X is poured into drum, then drum Y will be unfilled to what fraction of its capacity?	
AfxK, m) xB I dimv AÜKvi ivtZ GKwU tmZzcvi nte tmZzcvi ntz Zvt i h_v μ tg 3π , 5π	16π =
I 8π wgwbU mgg j v‡M Zv‡`i nv‡Z th UPPvBUwU Av‡Q tmwUi Av‡j v‡Z eo‡Rvo `BRb GKmv‡_	50.27
tmZzcvi n‡Z cv‡i wZbR‡bi tmZwU cvi n‡Z me@bgœKZ mgq j vM‡e?	30.27
Avik, Sudipta and Forshad will cross a bridge in the night. They need 3π , 5π	
and 8π minutes respectively to cross the bridge. They have only one torch light.	
It is possible only for 2 persons to cross together with that torchlight. Find the	
smallest possible time needed for these 3 persons to cross the bridge. 4 U 7	
1 6 2	U=4
+ N 2 3	N= 6
	M =1
M 2 3 2	
hw`U,MGesNwfbowfbowAsKwb‡`RK‡iZvn‡jGigvbwbY@Ki	
If U, M and N represent single digits in the correctly worked computation	
above what is the value of M, N and U?	
Ggb tgŚwj K msL"v N wbY@ Ki thb 17N+3 GKwU tgŚwj K msL"v nq	2
Find the prime number N for which 17N+3 is prime?	





cke	DËi
1 †_‡K 150 Gi g‡a" ‡gvU KZwU msL"v Av‡Q hviv 15 Gi ¸wYZK wKšĺ 5 Gi ¸wYZK bq?	0
What is the total number of the numbers from 1 to 150 which are divisible by	
15 but not by 5?	
ABCD GKNU mvgvší vi K Ges DC I MN	$\frac{1}{18}$
ci ui may $\sin i$ i i i i i i i i i	18
N N	
I LI ABCD GI CARGON ADOVE KE!	
ABCD is a parallelogram and MN is parallel to to DC. The length of BN is	
1/3 of the length of BC. What is the	
ratio of the area of triangle BNM to the	
D C area of the parallelogram ABCD?	
The area of the square is 49m ² and all three angles of the	
triangle are p^0 . Find the perimeter of the pentagon?	
ali and a constant of the control of	35
eMiPUi কোত্ৰফল 49 eMiPgUvi wÎfRwUi cMiZwU †Kv‡Yi cwigvc p^0 n‡j cÂfRwUi cwimxgv KZ n‡e?	33
CATINIOT CHITING! IZ 114C:	
hw` $a \text{ Ges } b \text{ DfqB wetRvo msL"v nq wbtPi †KvbwU Aek"B wetRvo nte?} If a \text{ and } b \text{ are both}$	iv)
odd numbers, which of the following must be an odd integer? $\frac{1}{2}$	(a - b + 1) - 8
$i) (a + b)^2$ $ii) a^2 + b^2$ $iii) (a + 1)^2 - (b + 1)^2$ $iv) (a - b + 1) - 8$ $v) (a + 1) \times (b + 1) - 4$	o
$(u - b + 1) - 0$ $v)(u + 1) \times (b + 1) - 4$	
n hw` 1 †_‡K 12 ch®l msL"v¸‡jvi ¸Ydj nq, Zvn‡j n Gi †gvU KZ¸‡jv †gŚwjK Drcv`K Av‡Q?	5
If n is the product of the integers from 1 to 12, inclusive, how many prime	
factors greater than 1 does n have?	
<code>_ejɪcθZw`b UvKvi ev‡· Av‡Mi `β w`‡bi mgvb cwigvb UvKv Rgv K‡i c<u>Ö</u>g `β w`b ˌej ɪ1</code>	54;
UvKv Kţi evţ· ţiţLwQj Aóg w`b tkţl ¸ej i evţ· tgvU KZ UvKv Rgv nj? ¸ejzcôZw`b Mţo KZ UvKv Kţi Rgvj?	$^{54}/_{8}=6.75$
Everyday Gublu saves money in her money bank. Every day he saves as much	
as he saved in last two days. Gublu saved taka 1 on first two days. What will be	
the total amount of money in his bank after eight days? What is the average	
amount of money that he saved every day?	





ক্যাটাগরি: সেকেন্ডারি(৯ম-১০ম শ্রেণী) সময়: ১ ঘন্টা ১৫ মিনিট

নাম(বাংলায়) শ্রেণী(২০০৯ সাল):

Name (In English): Registration No:

্রিই উত্তরপত্রের নির্দিষ্ট স্থানে উত্তর লিখতে হবে। খসড়ার জন্য পৃথক কাগজ ব্যবহার করতে হবে এবং তা জমা দিতে হবে। সকল সংখ্যা ইংরেজীতে লেখা হয়েছে। সবাইকে নিজ নিজ উত্তরপত্র জমা দিতে হবে।

i i	DË!
C ∲ ¢œ	DËi
θ Ggb GKwU AcvtiUi thb a θ $b=\frac{a-b}{a+b}$ Ges $a\neq -b$ hw` $a\neq -c$ Ges a θ $c=0$ nq Zvntj c	а
=?	
An operation θ is defined by the equation a θ b= $\frac{a-b}{a+b}$ for all numbers a and b such	
that $a \neq -b$. If $a \neq -c$ and $a \theta c = 0$ then $c = ?$	
$X \text{ tmUwU$} Z 20\text{wU ev}^- \text{ i e msL"} \text{ i $} \text{tq$} \text{ loop} \text{ constant} \text{ Aj m mg$} \text{ gKwU tmU } Y \text{ evbv$} \text{ i v hvi constant} \text{ Dcv$} \text{ vb}$	0
nj tm‡Ui cůlZwU Dcv`v‡bi thvMvZ\K wecixZ (2 Gi thvMvZ\K wecixZ nj -2) Gici tm X Avi Y tmU`v\Ui me_tjv msL"v‡K thvM Kţi w`j thvMdj KZ?	
X set contains 20 real numbers. Pranon, in his idle time, created a set Y that	
contains the additive inverses of the numbers of set X (additive inverse of 2 is	
-2). Then he added all the elements of set X and Y. What is the sum?	
12ab GKnU Pvi A¼ wenkó msL"v †hLv‡b b Ges a h_vµ‡g GKK I `kK "vbxq A¼ nb‡`R K‡i 12ab	6, 0
msL¨vwU 2, 5 G Ges 7 Øviv we fvR¨ n‡j a Ges b Gi gvb wbYq Ki	
In the four digit number 12ab, a and b are digits. Find a and b such that the number	
12ab is divisible by 2, 5 and 7.	
2^k+1 AvKv‡ii †gŚwjK msL"v tjv‡K dvgPi †gŚwjK msL"v ejv nq, GLv‡b k nj 2^x AvKv‡ii msL"v	4
thLvtbx GKwUcYmsLv 1 t_tK 126 chs KZ tjv dvgA tgswj K msLv i tqtQ?	
Fermat primes are prime numbers that can be written in the form 2^k+1 where k is an	
integer and a power of 2. How many there are Fermat primes from 1 to 126?	
\mathbf{C}	0
8	
8	
X X	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
4	
$\angle x = 60^{\circ}$ ntj Δ DEF Ges Δ ABC Gi cwimxgvi cv_R wbY Ki In this figure $\angle x =$	
60° . Find the difference between the perimeter of \triangle ABC and \triangle DEF.	





CŘæ	DËi
A \mathbf{B} $\mathbf{P}^{\ddagger \hat{\mathbf{I}}}$ $\mathbf{AD} = 5$, $\mathbf{AB} = 3$ Ges $\mathbf{CD} = 12$	7.50
Δ AEC Gi ক্ষেত্রফল KZ?	
In the figure above $AD = 5$, $AB = 3$ and	
CD = 12. What is the area of triangle Δ AEC?	
3 Rb eÜzcüZw`b GKwU ti÷‡i‡JUi tMvj tUwe‡j i PZw`\K 3wU GKB iKg tPqv‡i e‡m AvÇv t`b Zviv	2!
côZw`b wfbcwfbcweb"vtm emtZ cO>` Ktib Gfvte PjtZ _vKtj metgvU KZw`b Zviv bZb bZb web"vtm emtZ cviteb?	= 2
3 friends chat everyday in a round table in restaurant sitting on same 3 chairs. They	
like to sit in a new permutation every day. How many days can they sit in new arrangement?	
A `yU mgvb eË ci ~úi‡K A I C we> ţZ ţ0` Kţi Ges B I D Pvc `yUi ga we> y AC ţi Lvsţki ^`N® 24cm I BD=10cm nţj eţËi e wmva wb Ye Ki The crescent moon ABCD is formed with two arcs ABC and ADC which are parts of two equal circles (B and D are midpoints of the circles). Line segment AC=24 cm and BD=10cm. Find the radius of the circle. N Ges P, 1 Gi †Pţq eo †Kvb cYmsL v P, N+4 Ges N+14 Gi Drcv` K P Gi gvb ţ ţ v vb Ye Ki?	2, 5,10
If N and P are integers greater than 1 and if P is a factor of both N+4 and N+14, what are the values of P?	
$f(x) = \frac{x^2}{x} \text{ ntj } f \text{ Gi ti Ä KZ thLvtb } x \in \mathbb{R}?$	R-{0}
What is the range of f where $f(x) = \frac{x^2}{x}$ and $x \in \mathbb{R}$	
`kılU µııgK cY ^e msL [*] vi c <u>Ü</u> g cuPılUi thvMdj 560, c‡ii cuPılUi thvMdj KZ?	585
In an increasing sequence of 10 consecutive imtegers the sum of the first 5 integers is 560. What is the sum of last 5 integers in the sequence?	
1 † ‡K 1000 chest Ggb KqwU cYmsL"v Av‡Q hvi v 5 A_ev 8 Øvi v wefvR"	300
How many numbers from 1 to 1000 are divisible by 5 or 8?	





ক্যাটাগরি: হায়ার সেকেন্ডারি (একাদশ-দ্বাদশ-এইচএসসি) সময়: ১ ঘন্টা ১৫ মিনিট নাম(বাংলায়): শ্রেণী(২০০৯ সাল):

Name (In English): Registration No:

্রিই উত্তরপত্রের নির্দিষ্ট স্থানে উত্তর লিখতে হবে। খসড়ার জন্য পৃথক কাগজ ব্যবহার করতে হবে এবং তা জমা দিতে হবে। সকল সংখ্যা ইংরেজীতে লেখা হয়েছে। সবাইকে নিজ নিজ উত্তরপত্র জমা দিতে হবে।

CK®	DËi
eggegg ~vDUt`i mt¤§j tb wMtqtQ tmLvtb c#Z"K ~vDU Ab" mevi mvt_ Kig`19 Kivi K_v tKD tKD	2
Avevi Kig`® Ktiwb mefgvU Kig`fbi msL`v 8 ntj mefbgæKZMtjv Kig`® nqwb?	
Boomboom joined Scout Jamboree. Every scout was said to handshake with each	
other. Some of them did not do. The total number of handshakes was 8. Find the minimum number of handshakes which were not done?	
X tmtU 1 Gi tPtq eo cvPvU wfbœwfbœmsL'v AvtQ epËg msL'vvU metPtq tQvU msL'v`yUi ¸Ydtji	X =
mgvb Avevi metPtq tQvU msL"wU enËg msL"v wU wetqvMdtj i mgvb hw` tKvb msL"vB 10 Gi tPtq	
eo by ng Zyntj X tmUwU wbYg Ki thb X tmtUi msL'v_tjvi thvMdj mtePP ng	{2, 5, 7,
A set X contains 5 distinct natural numbers, all greater than 1. The largest number	8, 10}
is the product of the smallest two numbers; the smallest number is the difference of	
the largest two numbers. If no number is greater than 10, find the set so that the sum	
of the elements is maximum.	
cvtki wPÎwUtZ mgvb eNû wewkó GKwU eM®Aci GKwU etM® Dci	63
Q Ae wb KitQ P I Q etMP evûi ga we) y evûi % N 6 GKK Qvqv	
Av"Owi Z cţiv Gj vKwUi ক্ষেত্ৰফল wbYe Ki	
Two squares of length 6 are put in a position as the figure. P and Q are the midpoint. Find the total shaded	
P figure. P and Q are the midpoint. Find the total shaded area.	
GKNU Nb‡Ki`nJU mnbmnZ cv‡k,\$P is wfbd; NbKnU is Ki‡Z menBogakqnU is j vM‡e?	3
No two adjacent faces of a cube are of same color. What is the minimum number of	
colors needed to paint a regular cube?	
tuKbvd tv taken divining to the taken divini	24
mij ti Lv Øviv GB QuetZ tUKbvd t_tK tZZuj qv hvl qvi mKj c_t` Lvtbv ntqtQ GKuU Biù tUKbvd t_tK tZZuj qv hvte, tmLvtb wMtq tm GKuU iyUi UKiv cj vi untmte cvte GKB RvqMvq `Bevi bv Gtm tm tgvU KZfvte tUKbvd t_tK tZZuj qv thtZ cvite? The diagram above shows the various paths along which a mouse can travel from point Teknaf, where it is released, to point Tetulia, where it is rewarded with a food pellet. How many different paths from Teknaf to Tetulia can the mouse take if it goes directly from Teknaf to Tetulia without retracting any point along a path?	
1 † ‡K 300 ch s Ggb Kqw c Y s L v Av t Q hv 2 w Ksev 3 Gi w Y Z K w K s '8 Gi w Y Z K bq? From 1 to 300, how many integers are multiples of 2 or 3 but not of 8?	163





CŘæ	DËi
bv‡Ui ewo‡Z 5 †Rvov RyZv i‡q‡Q GjvKvi KŁÜvZ †Pvi eëzGK iv‡Z bv‡Ui RyZv¸‡jv†_‡K 3wU RyZv	1/3
wb‡q cvj v‡j v H 3wU RyZvi g‡a¨ GKwU †Rvov cvevi m¤¢ebv KZ?	=
Naat has 5 pairs of shoes in his house. One night, a locally well known thief called	0.33
Boltu came to Naat's house and stole 3 shoes randomly. What is the probability that	0.55
there was a pair of shoes in those 3 shoes?	
213ab msL¨wU‡K 100 Øviv fwM Ki‡j 10 Gi †P‡q Kg Aewkó _v‡K †hLv‡b a Ges b `yU AsK	7
wbt`R Kti hw` msL"wuUi mKj AstKi thvMdj 13 nq Zvntj b Gi gvb wbYQ Ki	
A number of the form 213ab, where a and b are digits, has a reminder less than 10	
when divided by 100. The sum of all the digits in the above number is equal to 13.	
Find the digit b	
$2^{1024} + 5^{1024} + 1 \text{ †K } 3 \text{ Øvi v fvM Ki‡j KZ Aewkó _vK‡e?}$	0
What is the remainder when $2^{1024} + 5^{1024} + 1$ is divided by 3?	
N Ges P, 1 Gi †P‡q eo †Kvb cYffisL"v P, N+4 Ges N+10 Gi Drcv`K P Gi gvb¸‡jv wbYq	2, 3, 6
Ki?	
If N and P are integers greater than 1 and if P is a factor of both N+4 and N+10,	
what are the values of P?	
n hw` 1 t_‡K 15 ch�ĺ msLïv¸ţjvi ¸Ydj nq, Zvnţj n Gi tgvU KZ¸ţjv tgŚwj K Drcv`K AvţQ?	6
If n is the product of the integers from 1 to 15, inclusive, how many prime factors	
greater than 1 does n have?	
ABCD GKwU i mm 2CH=AE=BE=4 Ges	√3
I G A BG⊥AD ∠ABC=60 ⁰ n‡j FG=?	
D In ABCD rhombus 2CH=AE=BE=4 and	
BG \perp AD. If \angle ABC=60 $^{\circ}$ then find the	
F E / value of FG.	
В н С	