## The West Shore,




TRBAK OF SUDSCRIPTION.
 move thivemiz



## evenings at the white house.

Tho Prenident aud family receive informally in the evoning, nometimes in the red ruam and enver ares in the hilyaty. These viste hititimate permmal frienids or hy those warrated thruugh their sequaint. aneco to call in a social mannes. The oveninge cuttivated men and women gather in littl knots in differeat parts of the appeciena and cheorful apartmant, and wit sparkles and anoc. dote tuikenas camernation. The Preident Whire he retirew when any gemtieman proseat wibiom to spat with hitu on mattern of potiry or



 Litlo Yamie, the unly duuphter, a trighte chili










 Mard.

 tho (niteon state, Frime womitries produree







 nearly, owe chall, it will he won, of the whole
coul extraction elototel hy the varivis natious Under rovins, The immonere appomacy of

 Prance if thes, in the cane of trume tive of

 giane, thres times ne large an that ot the United eight time sos lageeses ifat or Prasee naid ten

 other coustry. - 7 The Kopporer.

A Nots roe likna Duiskena-A general im: This, mase the Monlint Emaniner, manifeatly deyendis on the nature of the youcance and the not be a bliseful state to bo sequaintel with the followink proparatious that are advertivel, aud,
 betewens: pounde hovita Yot siding pound equafo 64 pounda of hopa Yot aliting to copper, or
wisen rackeal." "Biaillitite of lime, for the Provontion of acetuar iermentation of beer," like pale numes, one penail equal to $\pi_{2}$ p pounde of

 mare preservative, improving attemastion, drop
ping closer, paler in odor, mores sparklion on
 vertisement shert of a weil known aud officisily
 than the lise that poth write of Now, if wo
couli bot Notore the lirewers of Kagiand : Chat condition of ifmoraunce whea they crol,
 podnced lieween that are chamista, and wing



AUSTRALIAN OPINIONS OF THE AMER-| THE MATHEMATICS OF STRIKES. ICAN RAILWAY SYSTEM. The regort of the Commisuipurs for Yictoria
o the Anerican Intermational Exhibition, ayy Ametican railroals: "The Americans ar antly entitted to the highest rank in the mehint of a meehanical diea is, hy their native iggenuity, perseverance aut mechanizal skill,
worked vut to proportionk which any one who worked vot to proportionk which any one who
has not reaided among them would gasocly
 way, wie might almont say, to their very "tire ailes" The process of miling adequately goon roads for the interiar traffic of their citied wa
much to tediuan and slow for them. Whethe ime will not effeet a change in han reppectan he given up to tha atreet tramway and its cat, or whether they will afford, by means of really gond mats, as unimpeled trinifie for all clasess
of sobicles, remainu to be ken." This on the whljest of railwayn:
Taljegt of railwayn:
The Americans never triod to make a good coumout roai, and the railway syitem was in roduced at the neck of time, and wan quicisy
mid univeranlly yulopted. It in the West which owen moot to railways, for in the Eattern States
the riven are opeu for seven montho of every year, bringing cargo and panaengent to the cition North and Soath, between Now York, Hooten or Philadielphia anil New York, was conlucted yy ambination of boats plying hetween riveri that the railways hare ontly adided to the facili-
and ien for looomotim. It in naarely too minch to ay that they have cailed the Wer into exint
viee. Grain and banvy produce find their way
 nontht, but empirants wnulh suareely have ubmitted to tho mounveniencen of a month
ourrey to rawh a city which is hrought by the
xprows train to withia 36 hourn of New York.


THOROUGHBRED HELEFORD HEIFER
ir Philadolphis. The lotig, tedious nud danger
ann jueny y across the plains from 8 L Lsuis of Chicaigo to Ran Francinco, when compurod with
the farility with which the joursey, it scoomlinhed by the Cnian Pacitio and Central P
 rrifies from the Athantice seaboartif it had not
veru for the discoveries of Watt and \$tephen ou. But for the introlaction of raiway Omaha wouht he practivall y furth.
peol that Nellourae astually is."

lin the Mastite tase which reaches from the direction, war the rillage of Paterus, thare is a
prehiateric dolerite Lava, contuinint elivis prohistanc dolentici Ihva, containing, olivine, Tano, and which has beon esamined by si Orane silventri. Vuder the microwcope the ava shows an aygitio prineipal mas with
quantity of olivine and nany white traasparent crystaly of lahinalorite The lavn containa man unerous round of irregular cavities which ar coated with arraponite, atal which are filled with
winuenal oil. Thas oil, of which there is ahout ne per cent ty weidht in the whole man wh
 lowihh grean tint by tranmitted light, while by

Mobrncatioss is the Thisphosk-Sume modifigations of the telephome have been
brought to the untice of the Acadeny of Scien-
 alighty os the venter is coanuented tyy wirg
wint the two onds of the bobbia wire of a Bell elep
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two
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Wha
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The following remarkia of Sir Pdimuni Beckett, C, in a comernanication to the Times It ta surprising how little the men bare yot
rasixol the fundmental pioce of mathematio o uniotime, vie, that even a incecenful atriko Tr a differsuce of, say, a tenth for 1 weeks tio 2
 Ton. Thirrofore, a six niontha' striky for a 10\%
fise, agginat a fall, will require five yean of tho higher wages to forovent it being a low; and hat in determined by other circumatancs long,
 a double one, for it is fint a loan to their men he anions, and, wecondly, Al how of all the to working men in paying for morel lalor. And Ill their clank, and think they interoxta of wealth more widely over them by producing as altimately for therir own chail Arbitrationa Tre avother faliney, though some people faury
they ary the pairaces for all thewe dificultivi, no we hoar of all worts of chentuse proposed han provided a keffracting machincry intimetely pens to be tijht, or the same as perfectly froe
raile would have nettled, in an attempt to llog. lato proppoctivaly what wages ard to be gener-
ally, it neemn, for aix montha; and if no time is fixal, the arhitration is nounene, for the parsen way diffor again noxt week it in ai abuird to fix the price of tabor leforelatial as he prico of bruad and butter, If the makers of
themi fomit they coulid not make A protit by nolling them at the prearoribed maice they woulh
mell pone, and everybody woulit have to make noir orne, or go without or secretly pay more What would workmen eat to Parimment every
July fixing the price of labor of all kinds, and,

EXPORTS OF PETROLEUM. Six yoan ago pur exports of crude and refined
oil amounted to an afgregate of $90,000,000 \mathrm{gat}$. This wan in 1872 , Thrue yers later, , the
otatal had risen to $150,000,000$ pallona. In is he export was, in round numbers, $248,000,0 \mathrm{~N}$ galloas. Theincrease in the yieldo of the Peum Hyania oil fellis has kept tace with the demand aving been aloutt 13,000 barreff per day, while n 16 th it had rinen to an averago of more that N5,000 barrels daily. The growth of the trade
in the foreign markets in a carious stady. For xample the export to lopdon io 1872 whe $1,370,000$ gallous, and in 1577 it wau $16,000,000$. averpool took $1,388,000$ gallons in 1872, wan
ap to $8,000,000$ in 1874, and in 1877 bouph
 celipeed by the statintics of our oil trade with
Germany and the Est. There were shinelt Germany and the East. There were shipyed to
Aremen in 1877 more than 42.300000 and petroleum, ayainst $11,500,060$ in 1872 and 23 . $000,000 \mathrm{in} 156$-an enormins incrouse, equal bout $100 \%$ in the past 19 montha, and nearly 100 as compared with 1872 The hipment
0 the Duteh Eant indien more than doubled ears, and China and the East ludtes tome $0,000,000$ gallons lant ycar, againat one fifth
hat amount in 1876 - Aninrican Manufacture. THE DUTCH IN HOLLAND.
The Denartment of State has reecivel a re Datch, from the Minister of the United Bnt arefulneas and otcailinan of the Dutch, the Minister says that there has not hen a bain ailare in Holland during the lant 40 years, an Wat the paper monesy th the bankn during that failume companies, there is no wïch thing ance on record, and, while the nto of is frince does not average more than half of one
pent., the companien are in the most floos
 tration may bo A low temperary evil than a cont per mile, ani yat the ruail pay poed dive

$\qquad$
Tide Thurphose is time Abir,-The Ger man Alilitary Prpartment, always on the watch has naturally deveted its acimutite dicroveries, the telephames Ine In the lant number of sitimit
 Huny of ito ase in warlare for maintaining comThe exjeriments were carried out at a teppors. ure of $3^{\circ} \mathrm{C}$, and during a vielent wiut, and
bowed mont concluaively it availability for the parpowes in question. In this comection Rrevime struet, New York, have juit puhlinhed a amphat form, a lecturs, mocently delivered The pamphlet is fulty illunatrated, and in an im prirtant aditizan
ning inatrumient.

## To Divy A Srinct-M. Devriue procieds a <br> allown: In ender to provent bending, ete.

 two rape or with a brual, he rinuces a div tro rat or wrod to a bruaty, he reduces a drycrits powder with
hamer, aftewards placing the powder in hammee, aftewark placige the powder in
unall bos, itwo which ho tuausers ihe pyitral ramasing it tran the water or aloobol, an
naves it there two or thywe minutea; then, has itg well shaken the bor, the spingl in taken, out.
It alwayn comes out porfectly chese
 Figimenc, In. Thoman American Institute of paper on the employment of plyerised rine in
anhytical chemistry, empeciall in ron analyain
He thowed that by the
 tenth of eat per eent, in quastitative deter
minations of ron in ores, of those rached with
the hystroges mathod.
heard of, and when they mbock then tation why
tarning up, they are neverely purimithed and for. thruing pa, they aro e everely paniahed and for-
eruer digraced. No free paskes are graited, nud manngern and directorn have no power to pase anybody ever the raals frme All mant
pay the pubtio rates. Dinhonenty of any kinit, pay the public ratee. Dikhonenty of any kind,
or failure in buainess, means pubtio dinbonor, and utterly hars the dishonest from any future pablic comanileration. Your millionn of people (Ge within an area of 20,000 equare miled,
Gect unprecedented in any other country; and all appear to be happy, propporoun and con.
tented. The secret of this prosprity lies in tented. The secret of 'this proporous and pity lies in
the fact that all live within thrir ioome, and the fact that all live within thrir inoome, and
that induatry and honaty are prixciplen so hat industry and housty are prixiplea so
firmy eetabhahed, that ther violation in looked upon an au outrage on the national character.

## A hergford heifer.

In tormer ine wo pre our rader a pre nial- premium animal, owned by the lealing breeder of Herofgrds in this country, Mr. I
 araits, they realers will compare the tro por ire trausunits his characteriatic form and mark. age. We are glad alno to nhow the broed be gruan in in thin conntry and prominence among many qualitie
claim attention. At a public evlo of the At a publio sale of thowe cattle in Fingland, A
ubort time since, the aumioner claimed that sbort time since, the auctioneer claimed that
fire conld be grand or fed at mame coat as four
Short Horna This tatement has lod to some Short Hornk This statement has lod to mome
discration in this and the old country. The Kentuinen in this and the old oountry. The
Kente Stod Reond admitted the
itatement to far an three.year-olds were con-




