

TTHE Mail Coach from Danville to Blakely will leave Danville every Tuesday, Thursday and Sunday morning, and arrive at Blakely next morning. in time to take the 8 o'clock Cars, and arrive in Petersburg by 12 o'clock of the second day;-any personwho may desire it can proceed on North with the great mail, aud reach any of the Northern cities 24 hours sooner than by any other line.

The Subscriber has established a line from

### Hillsborough to Oxford.

Running in connexion with Mr. Carbry's line from Greensborough. Persons who may desire to travel North, are informed that the route from Greensborough via. Hillsborough and Oxford to Blakely, is the most cine are required to attend two full courses of the Leclirect, nearest, and most expeditious which can be se-

Institution will commence on the last Monday of October, and continue until the first of March. Nathaniel Potter, M. D. Pathology and the Practice of Medicine.

Richard Wilmot Hall, M. D Obstetrics and the liseases of Women and Children.

Nathan R. Smith, M. D. Surgery. Julius . Ducatel, M. D. Chemistry and Pharmacy

E. Geddings, M. D. Anatomy and Physiology. Robley Dunglison, M. D. Materia Miedica, Theraeutics, Hygiene, and Medical Jurisprudence.

Clinical Lectures will be given at the Baltimore Infirmary, by the Professors of the Practice of Medicine and Surgery.

According to a recent enactment of the Board of Trustees, Candidates for the degree of Doctor of Meditures of each Professor in this Institution lected, (which may be seen by reference to the map of attended one full course in some School where the same branches are taught, a second in this. It is understood, however, that those Students who have aiready attended one course of Lectures in the University of Maryland, shall be entitled to the privilege of graduation under the former regulations. E. GEDDINGS, M. D., Dean, Baltimore, July 5. Medical College of Georgia. THE Lectures in this Institution, situated at Augusta, will commence on the third Monday, (the 21st) of next October, and continue for six months. The Professors are-

right-angled triangle, and the exterior sides of the squares be produced till they meet they will form another square.

Cor. II .- The rectangles BP and PD are also eqnal. Solution to Quest. X. by Moses Elbow Esq-Be cause the departure is a fourth proportional to the rad. cos. lat. and diff. long. it follows that the difference of the cosines of the latitudes is a given quantity; therefore we have the difference of two arcs and the difference of their cosines to determine them, which I effect thus. See fig, Prop. 8. P. Trig. Let BC be the given difference of the arcs equal to 4° 8'. Draw the chord BC and on it as a diameter describe a semicircle and in it, from B, inflect the chord-BJ equal to the given difference of the cosines and join CJ. Find by 1 rop. 1. 3 the centre E of the circle of which BC is an arc, and

name of Analysis; which means Decomposition. In Synthesis we proceed from the known to the unknown: from the root to the branches; but in Analysis, the reverse takes place, for we advance step by step from the unknown to the known, from the branches to the root. A single example will sufficiently illustrate our meaning and serve to show the importance of this branch of Geometry. Given the base, the vertical angle and the ratio of the including sides to construct the triangle, But we shall reserve this for our next.

### Communications.

Chapel Hill, 'Oct. 7, 1833.

DEAR R .- Variety is called the spice of from it draw the radius EA perpendicular to CJ pro- life. I maintain that one man has as much duced at H: and meeting the continuation of the arc right to say smart things, as another; and I call punctuality the salt of human actions. Punctuality when associated with its sister virtues imparts to them additional loveliness. The fairest of the train, even when it mingles with evil companions, it sheds a redeeming influence over their actions. A which the ships sailed, and consequently AC contains desire to cultivate a more intimate acquaintance with it, as also a favorable opportunity, have induced me thus early to comply with a promise, to write to you, while on my way to the "far west." I am now as you have already discovered, at Chapel Hill; at which place I arrived four days ago. The interval between my arrival and the present, has tained by FB, ED, or DJ, DE is equal to the rectangle flown off I assure you, on "swallow's wings." Since I have been here, I have made it my duty, to pay my respects in person, to the members of the faculty: I have visited the libraries belonging to the two literary societies: become acquainted with several of the young men of the college, from our parts: have ambulated the country for miles around; and pried into every mysterious nook, that met my inquisitive glance. I know of nothing that I could communicate, which would be this expression be differentiated and reduced we shall read by you with more pleasure than a description of the place. I will therefore cndeavor to convey to you at least, an idea of it. A few words about the village. This like large towns generally has its main street too, on which all the business of importance -parvum parva decent-is done; and which running nearly east and west, measures about one quarter of a mile. About midway this street stand the confectioners, blacksmith shops, and horse stables, obtruding upon your view, at every turn, their disgusting exteriors: while the more respectable dwelling houses, some of them bearing marks of affluence, seem to court in the umbrageous groves of the environs, a screen from objects DEMONST. AC is parallel to FG (converse of 13:3,) so ungrateful to he eye, as well as a retreat therefore BDE is equilateral; but ABD is equal to from the unwelcome gaze of strangers. The houses are placed at very irregular intervals from each other, there being about as much order in their arrangement, as there is in the positions which a child's toys assume, when it has upset the basket that contained them. South of the village at a little distance, are the college buildings, embowered in an antique grove, whose wide spreading and lofty oaks, with boughs thickly interwoven by ages, form in the spring season, one contiguous and delightful shade. Surely thought I to myself, as I have wandered through this grove, these trees spring from the roots of those which grew in Academus' grave. For since the days of Academus,

Pann, Elizabeth Foster, Hillary, 2

Cheek & Armistead

Campbell, Robert

Campbell, Hugh

Carson, William

Oldham

Cox, Micajah

Dilliard, Sarah, 2

Dilliard, Frances

Douglass, David

Durham, Matthew

Durham, William L.

F.

Cheek, Alexander, 2

Carson, Win. or William

D.

The Persons applying for any of the above letters, vill please say they are advertised.

IS. C. PATRIDGE, P. M.

Price, Archibald

Pearson, Mary.

Qualls, John

Riggsby, John

Stroud, Bryant, 2

Sumner, Thomas.

Trice, George W.

Williams, Richard

Wilson, John.

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#### NEW STORE-NEW GOODS. Cheap for Cash.

TORFLEET & HENDERSON respectfully inform the citizens of Chapel Hill and the surrounling country, that they have just received from New York and are now opening, a new and splendid assortment of French, English, India and American FALL and WINTER GOODS-consisting in part, of the following articles:

Dry Goods-Cloths, Cassimeres, Vesings, sattinetts, fiannels, padding, circassians, bombaetts, osnaburgs, Irish linen, linen camtric hdkfs, lawn, muslin, laces and edgings, new style prints, calicoes, ingnams, silks, belts, fan y and set ribbons of all sorts, atlemea's black and fancy hdkfs, merino shawls and kis, ladies' and gentlemen's gloves, do assorted hosiegentlemen's pongee hdkfs, shawls and hdkfs, parais, umbrellas, kid gloves, spool floss and threads, sewng silk, pins, needles, braids, tapes, furniture chintz, ocket books, buckram, suspenders, tortoise-shell, braillian and mock combs, tooth brushes, cologne and iaender waters, coat and assorted pearl buttons.

Domesticks-Bleached and unbleachd shirtings and sneetings, blue plaids, apron and furniture checks, bed ticking, &c.

Hardware and Cutlery-Scissors knives and torks, pocket and pen knives, table and tea spoons, augers, snuffers, locks of various kinds, tacks, files, hand-saws, gimblets, frying pans, curry combs of a superior kind, razors, strops, spectacies, thimbles, tea trays, shaving boxes, soap, brushes, screws, hammers, hinges, brass knob locks, cast butts, drawing and cutting knives, snuff boxes, shovels and spades, coffee mills, axes of a superior quality, chains, castings, &c.

Clothing-Gentlemen's and ladies' loaks, ready made shirting, fine linen bosoms and colars, stocks of a superior quality and of a new style

Boots and Shoes-Gentlemen's ladies, boys, girls and infants boots and shoes, ladies' best quality satin, kid, prunella and bronze shoes, gentlemen's pumps, negro shoes, & c.

Hats and Bonnets-Gentlemens and boys' beaver and fur hats, ladies' leghorn and new pattern straw bonnets.

Fancy Goods-Breast pins, pencil caes, studs, gentlemen's dirk knives of a superior quality, entlemen's walking canes, &c.

China, Glass & Earthen Ware -We have a good stock of the above articles.

Groceries-Loaf, lump, and brown sugar, coffee tea, indigo, copperas, soap, candles, nutmegs, pepper, alspice, ginger, powder, shot, lead, fints, shee blacking both liquid and paste, BROWN'S BEST CHEWING TOBACCO, molasses, liquors assorted; also bagging, rope, and twine, cotton and wool cards, hair trunks, eastor oil, campher, and salts. Chapel Hill, Oct. 8, 1833. 7-tf.

## Notice to Sheriffs.

THE Sheriffs of those Counties where a vote was taken at the August Election, for and against a hange of the Constitution, will please make returns of the yot's to his Excellency the Governor, at Raleigh; and in order to provide against the contingency of miscarrage in the Mail, they will please send the same to he also, at Salisbury, N. C.

On behalf of the meeting held at Raleigh THOMAS G. POLK, Chairman. September 23d, 1833. 5-mt the United States.) The public are informed that the Subscriber has

placed on this route comfortable

# Four Horse Post Coaches.

Good Teams, and skilful drivers; and the public are assured that this line runs in connexion with the Roanoke line from Danville; and the public is further assured that no delay or inconvenience shall be experienced by those who may patronize this line.

This line will leave Hillsborough every Tuesday, Thursday and Sunday mornings, at 7 o'clock, A. M and reach Blakely next mornings in time to take the S o'clock Cars.

Both of the above lines are now in good order, as the subscriber has lately made considerable improvement both in expedition and for the comfort of those who may patronize either of the above lines.

Fare from Hillsborough to Blakely - - . S7 00 Fare from Danville to Blakely -- - - \$7.00 All baggage at the risk of the owners.

JAS. W. JEFFREYS, Proprietor. Red House, Caswell County, Cct. 7. 7bt.

### Notice.

TENHE Subscriber, on taking leave of this State, has appointed Mr. JAMES C. HOLLAND his lawful attorney, to receive the residue of his debts--to whom payment should be immediately made, without JOHN NEWTON. further notice. Chapel Hill, Aug. 31, 1833. 2tf.

### Wake Forest Institute.

S this Institution, according to the annouacement of the Beard, will commence operations on the first of February next, it will obviously be important to the Board that the number of those desirous of entering at the period proposed, should be known at or before the next meeting of the Convention. At this meeting arrangements will be made for the accommodation o such as shall then have been received, and probably fo no more. Those therefore who desire to make their ad mission certain, would do well to make application in season to the Rev. John Armstrong at Newbern, or to the Rev. Samuel Wait, now in the South-western part of the State. Edenton, Sept. 1833. 7-

13- The Bantist State Convention of North Carolina, will take place according to appointment, at Carthledge Creek Meeting House in Richmond County, conjugation on Friday before the this. first Lord's day in November next. As it is now time to begin to make preparations for this occurrence, by appointing Delegates, and collecting Funds, we trust our brethren will give the subject that attention to which it is so clearly entitled. We p-obably do not express too much when we say, that we look forward to the approach of this meeting with an interest and a fullness of expectation with which we have never before anticipated the existence of any similar event. Edenton, Sept. 7, 1833.

# Newwern and Elizabeth City.

THE Steam-Boat John Stoney, Capt. Green, has commenced her regular trips between Newbern and ElizaL. A. Dugas, M. D., of Anatomy and Physiology. Jos. A. Eve, M. D., Therapeutics and Materia Me-

L. D. Ford, M. D., Chemistry and Pharmacy. M. Antony, M. D., Obstetrics and Diseases of Wonen and Children.

A. Cunningham, M. D. Institutes and Practice of ledicine.

Paul F. Eve, M. D., Institutes and Practice of Sur-And George M. Newton, M. D., I'resector and De-

nonstrator of Anatomy. In addition to the above, Clinical Lectures will be ielivered in the City Hospital, and every facility aforded the student for practical experience.

\$100 The fees are, for the six Tickets Graduation, Matriculation,

Good Board, with Lodging, may be obtained at \$13 er month.

10

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For particulars see Circular, issued in June. AUGUSTUS B. LONGSTREET President of Board of Trustees. L. D. FORD, Secretary,

Augusta, Sept. 9.

#### Washington Medical College, BALTIMORE.

TETHIS Institution will commence its next Session) under new and more flattering auspices, the Lcislature at its last Session having granted an act of Inreportion, which places it on an equality with the jost highly favored Colleges in this country.

The annual Course of Lectures will commence on he last Monday of October next, and be continued to the end of February, 1834.

The terms are, for each ticket \$15, Matriculating ticket 35, Dissecting dol. \$10, Graduating Fee \$10.

The Student is required to attend two winters, and take all the tickets twice, before he can become a candid te for a degree; but a course in any other respectable College will be considered as equivalent to one in

H. G. Jameson, M D. Professor of Surgery. S. K. Jennings, M. D. do. Materia Medica W. W. Handy, M. D. do. Obstetrics. Samuel Annan, M. D. do. . Anatomy. J. B. Rogers, M. D. do. Chemistry. T. E. Bond, M. D. do. Theory and Practice JAS. B KOGERS, Dean of Faculty.

August 20.

#### RANSOM'S HOTEL, BLAKELY, N. C.

WILL be opened by the Subscriber in September. This new and splendill establishment will be furnished in a neat and and every other necessary and comfort re- and situated in the same horizontal plane?

quisite for travellers and genteel company. The case and facilities of good marketing from l'etersburg, Nor. means of the ancient mode of Analysis, we presume

BC in A, then AB, CA will be the two arcs, too ob viously to need the formatity of a demonstration.

CALCULATION .- By trig, we shall find BU equal to )72146, radius being unity; whence in the rectangular riangle BJC we have the hypothenuse BC and the base BJ equal to FH (0712353) to find ( BJ which subtracted from half the supplement of  $4^{\circ} 8'$  will give the number of degrees in AB 78° 55' 37" the lat. from W. W. R. 83° 3' 37" the lat. arrived at. Hal. Hornblower answered this question.

Solution to quest. XI by Ned Numscull .- Analysis magine the problem solved and BD the required line. Draw AF (see fig to Prop. 16. 4.) parallel to CL, and produce CD both ways till Cl be equal to CF and DJ to BF, then IJ is a minimum, or because IE is constant EJ is a minimum. Now by sim, tri. DE is to EA or F as AF or CE is to FB; whence the rectangle con-I'C, CE, or IC, CE. If now on IE as a diameter a scanicircle be described and CK be drawn perpendicular to IE, the square on CK will be equal to the rectangle IC, CE (cor. 9. 4,) and if KL be drawn parallel to TE it must meet a semicircle described on EJ as a diameter, and this diameter will be the shortest possible when KL just touches it; therefore DE and DJ are equal, that is, BF is a mean proportional to FC and CE, consequent-iv the method of drawing DB is manifest. Q. E.F.

Solution by Moses Elbow Esq.-Let. x equal to FB, a equal to AF and b equal to AE, them by sim. tri ED is found to he a fourth proportional to BF, FA and AE, and the sum of FB and ED is a minimum. find the square of x equal to ab, a result agreeing precisely with the above.

Solution to quest. XII by Hal. Hornblower & Hezkiah Fairplay. As AB (the fig. may be readily supplied by the reader) is the diameter of the greater and B(, half of AB, is the diameter of the less circle, then if EC and AD be drawn, BEC and BDA are eight angles (8.3) and therefore EC and DA are parallel, consequently BC is to CA as BE to ED. But CA is qual to BC, therefore BE is equal to ED.

Q. E. D. Moses Elbow Esq. says, because BC, which is the adjus of the greater circle, is the diameter of the less, BEC is a right angle (8'3) and BD is bisected (4.3.) Solution to quest, X111, by Moses Elbow Esq. and Hal. Hornblower. - Const. - Let BGF be the given ejuilateral triangle. Bieect the area BG, BF in A and and join BA, B , and AC meeting the sidos of the riangle in D and E.

BAD, and CBE to BCE (6. 3) therefore AD, DE and Q. E. D. Ef' are equal.

Quest. XVIII. by Moses Elbow Esq. Required a correct investigation of the truth of Cor. 2. Prop. 22. n Enfield's Optics, by the method recommended by the Editor of that work in his advertisement.

Quest. XIX. by Zero,-There are two circles of given dimensions situated in the same plane and at a given distance apart. Find geometrically a point in the plane where they shall appear both of the same magnitude Quest. XX by Ned Numscull .- Given the distance between the East and West buildings, the distance be-

tween the second and third stories and the length of the shortest rope which, when stretched, will touch the in-End of the Petersburg Rail Road, Roanoke. | termediate ground and reach from a window in the second story of the East building to a window directly opposite in the third story of the West building. Re quired the point of contact and the heights of the stofashionable manner, with new furgiture, ries, the buildings being supposed to be equal, similar

As the solution of question XI has been effected by



# MILLINERY.

Rs. F. L. WRY respectfully informs her friends and the public generally, that she is located in Chapel Hill, where she is fully prepared to CUT, BLEACH and DRESS,

## Leghorn, Dunstable & Straw BONNETS

in the neatest manner and most approved FASHION; on very reasonable terms.—Orders, from a distance thankfully received and promptly attended to. Chapel Hill, Sept. 17. 4--mt.

### Cabinet Making.

THE Subscribers having established themselves at Chapel Hill, intend carrying on the CABINET MAKING BUSINESS in all its branches. They are furnished with a well selected assortiment of matetials, and are prepared to make Sideboards, Beaureaus, Tables, Candle stands, Bedsteads and Wash stands of Mahogany, Walnut and other wood. They ask for a share of the public patronage, and promise that their work will be executed with neatness and despatch, and on liberal terms.

September 10,	COLLIER	82	WATSON.	
	1833.	1	3 rt	

LIME. or 12 bushels of SHELL LIME, suitable for making mortar, for sale by B. N. WARRICK. Chapel Hill, Oct. 1st.

will be governed in her operations by the following | Cars, &c. and the wealth and plenty of this neighbor schedule.

FIRST TRIP.

Leave Newbern on Monday at 5 P. M. Arrive at Elizabeth on Tuesday in time for the Norfolk Stages.

Returning. - Leave Elizabeth at 8 P. M. on Tueslay, after the Norfolk stages arrive, and reach Newbern at 6 P. M. on Wednesday, in time for the departure of the Southern, Western, and Northern stages.

#### SECOND TRIP.

Leave Newbern on Friday at 5 P. M. Arrive at Elizabeth on Saturday in time for the arrival of the Norfolk Stages.

Returning .- Leave Elizabeth at 10 P. M. on Satur-day, after the Norfolk stages arrive, and reach Newbern at 9 P. M. on Sunday. Passengers will remain in Newbern till Monday afternoon, the time of departure of the Southern, Western and Northern stages. Travellers who adopt the Atlantic Reute, via Georgetown and Wilmington, through Newbern to Norfolk, are informed that by the present Steam Boat Route, there will be a saving of one hundred and twenty miles land carriage, with a considerable reduction in the price

of fare, and a great addition is point of comfort and convenience. Those who travel the Route via Fayesteville and Waynesborough to Norfolk, are informed that that line is intersected to Waynesborough by the Raleigh line of Stages at this place, and they would find it much to their interest and comfort to adopt this route. J. M. GRANADE, & CO. Agents. Newbern, Sept. 19.

BLANKS, LABELS, And other Printing, executed neatly at this Office.

beth City, and folk (and if necessary, from the Northern Cities) by that a brief amount of that branch of Geometry will

hood, together with the advantages of the products of the rich valley of our Roanoke, induces him to say no the Mathematics is the foundation of the Platonic location can be better supplied. And he feels assured school, where Geometry was most assiduously cultivatthat he has acquired a reputation and knowledge in ed, and where it received some of the most valuable arge and similar establishments in the State and the flourishing it might previously have been, yet we may West, that will insure him success. He respectfully confidently assert that Plato imparted new vigor to it refers to the advertisement of the Petersburg Rail and in some measure exhibited it under a new and Road Company for the facilities afforded travellers - | more elegant form. It would seem, that tillathen, Ge-Three Stages and Accommodation Coaches, will leave Blakely every day, one for Fayetteville with the great siderations; but in the Lyceum it speedily advanced be-Southern mail, and two to and by Warrenton, going yond first principles and received a more extensive ap-South and West. All gentlemen who are disposed to plication. The invention of Analysis, the discovery take the Rail Road at Blakely, may depend on having of the Conic Sections and of the Geometrical Loci their horses well taken care of, and their gigs and car were the fruits of the unremitted diligence which Plato riages put under good shelter, as houses are built expressly. ing and will be in full operation in a few days. Liquors and Wines, are laid in from the oldest makers and importers Ice houses, mint beds and sturgeon pens are erecting, and will be in readiness. In fact, nothing shall be wanting as far as his limited means will go, to meet the satisfaction and comfort of all genteel company.

ROBERT RANSOM & CO. Blakely, N. C. August 24, 1833.

# PRINTING.

HAVING a complete, new and fashionable assort-ment of type, from the largest to the smallest size, Books, Pamphlets, Hand and Posting Bills, Cards, Horse Bills with a superb Engraving, and Ornamen-tal and Fancy Work executed at the Office of the Harbinger, in a style not surpassed by any one in this or any other State, and on very moderate terms.

not be uninteresting to our juvenile readers. One of the most memorable periods in the history of he business, from having conducted for a long time, accessions which now enrich and adorn it.. However and his disciples, encouraged as well by the example as New roads and safe ferry boats are establish- the precepts of their illustrious master, bestowed on Geometry. He travelled into Egypt, Italy and Cyrene to collect wisdom from the ample stores which those countries then furnished, and on his return into Greece founded his celebrated school, where he made the Mathematics, but especially Geometry, the basis of his instructions. Historians tell us, that he permitted no day to pass without making his disciples acquainted with some new truth, and that he caused the following inscription to be placed over the door of his academy, "Let no one ignorant of Geometry enter here." Wheth er he wrote any work purely mathematical cannot, perhaps, he now known; but the single invention of Geometrical Analysis, of which he is the reputed author, will confer on him imperishable renown. As this has been attended with consequences pregnant with lasting benefits to Geometry it is important to possess a clean idea of it. There are two methods of proceeding in Geometry, one denominated the Synthetic and the other the Analytic method. Examples of the first kind

the spirit of philosophic inquiry, which we may suppose, from its prevalence in those days, was common also to the trees, they no doubt attempted a passage through the earth. This fancy wild as it may seem, I must confess is to me a pleasing one. For certainly there never was a spot on earth, except the one already mentioned, whose every feature marked it so evidently the residence of the twin sisters-science and literature, as this. The stately edifices-which in their combat with time and the weapons of mischievous youth, have come off not a little worstedthe grove; a hundred young men, buoyant with hopes of future greatness; and their venerable preceptors, who have already been stript by the chilling blasts of the autumn of life of their foliage, all picture vividly to my imagination, the glorious days of Greece, when philosophy ran in chrystal streams through all the land, flowing almost in one continuous current from mouth to mouth .---A little to the east of the college, is another grove, yet however in its iufancy, in the midst of which, on a rising ground, the President has erected an observatory. This when viewed by moonlight, as it lifts its top above the trees, corresponds to my notion of an enchanted castle of the "olden times." And not far from this, is the grave vard, enclosed on the three sides by a stone