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Math in the Real World: How is Math Used in Cosmetology?

Geometry:

Haircutting is all about angles and degrees, the cosmetologist must follow a pattern using these angles and degrees to get consistent results. Typically, the stylists uses 0, 45, 90 and 180 degree angles when cutting hair. Angles are also used to determine volume in a hairstyle. The stylist is using geometry with every client.

Addition and Multiplication:

Chemical Services Measurements: Chemicals used in cosmetology must be measured properly in order to achieve desired results. Many products are formulated in Europe, therefore the stylist must understand ratios as well as converting grams into ounces.

Division:

Sectioning Hair: Most hair services begin with sectioning the hair for control. The larger sections are then divided into smaller subsections to recreate a style. These are the control methods used in all stages of hair design.

Finance:

Income vs. Expenses: A cosmetologist considers more than just how much income is made with salon services. Factors such as booth rent, commission, retail and inventory costs must all be considered when running a profitable business. Also, percentages are used to measure income as well as expenses.

Cosmetology is offered at Lanier Tech's Dawson and Oakwood Campuses. For more information, visit <http://www.laniertech.edu/AcademicPrograms/LTCPrograms.aspx?id=9>

Featured Tutor of the Month: Ronny Bennett

Ronny Bennett is a newly hired evening math tutor at the Forsyth Campus Math Student Success Center. He earned a bachelor's degree in mathematics and a master's degree in mathematics education from Piedmont College.

Ronny has taught at Samuel Elbert Christian Academy, Forsyth Central, South Forsyth, and for Dawson County. Visit Ronny at the Forsyth Campus Math Student Success Center for amazing math tutoring!



Math Student Success Centers Schedule

Dawson	Monday	5:30 pm - 6:30 pm	Room 112
	Tuesday / Thursday	5:00 pm - 6:00 pm	Room 112
Forsyth	Monday / Wednesday	12:00 pm - 3:30 pm	Room B144
	Tuesday / Thursday	8:00 am - 9:00 am	Room A142
	Tuesday / Thursday	10:30 am - 3:30 pm	Room B144
	Tuesday / Thursday	5:00 pm - 8:00 pm	Room B144
Oakwood	Monday - Thursday	12:00 pm - 5:00 pm	Room 325

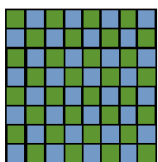
Who Solved Last Month's Puzzler:

How many squares are on a chess board?

Congratulations

Katherine Aguirre Acevedo and **Kathy Phagan!**

They both correctly answered last month's puzzler!



The answer: 204 squares

Math Riddle:

Where can you add 2 to 11 to get 1?



For more information, contact:

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http://www.laniertech.edu/QEP/qep_main.aspx