

Welcome Fall 2009

Steven F. Bellenot

Department of Mathematics
Florida State University

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$$8x^2 - 22x + 15$$

$$\Rightarrow x^2 - 22x + 15 \cdot 8 \quad \text{SLIDE}$$

$$= x^2 - 22x + 120 \quad \text{multiply}$$

$$= (x - 10)(x - 12) \quad \text{factor}$$

$$\Rightarrow \left(x - \frac{10}{8}\right)\left(x - \frac{12}{8}\right) \quad \text{DIVIDE}$$

$$= \left(x - \frac{5}{4}\right)\left(x - \frac{3}{2}\right) \quad \text{simplify}$$

$$\Rightarrow (4x - 5)(2x - 3) \quad \text{done?}$$

The Threat Level is Orange



From: "fsu-alert@fsu.edu" <fsu-alert@fsu.edu>

Date: Thu, 02 Jul 2009 17:40:41 -0400

Subject: 7/2/09 5:08PM - *FSU ALERT!* Severe Thunderstorm Warning

FSU ALERT! This is an official emergency notification, for distribution to all students currently taking classes, faculty and staff. 7/2/09 5:08PM - *FSU ALERT!* Severe Thunderstorm Warning for FSU Campus until 5:45PM: nickle-sized hail, 60mph winds, frequent lightning, heavy downpours. <http://alerts.fsu.edu/> for more details.

- Claim relations with FSU and the math department
- Harvest email addresses, mass mailings and illegal flyers
- Teach Shortcuts, that don't work.
- Euclid: There is no royal road to geometry.

Things that should better Known

- People lie: Facebook quote 'I used bigbox tutoring and I got a 90' but the person really got a 35.
- Some the tutors only got grades of C and C-
- There are students who got a 90 on the first test, went to bigbox tutoring and got confused by the shortcuts, got a 75 on the second test.
- The shortcuts are traps; the tests have been changed.

- Hot water. (News: Ocean's record temp)
- Going in circles. (News: natural to walk in circles)