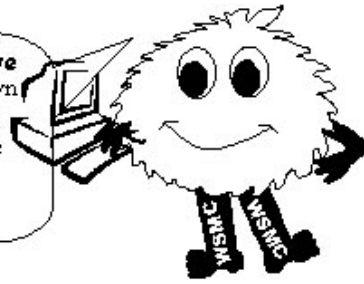


Interactive Math Applet


(free computer site where students may change or build objects)

Do you have a favorite **Interactive Math Applet** to share? Jot it down and send to Donna Buck, PO Box 170, Joyce, WA 98343 (electronic information can be sent to buckdj@olympen.com).




<http://www.noggintwisters.com>

Noggintwisters would like you to buy books at Amazon.com (not endorsed by WSMC). However they have great science and math puzzles connected with these books (available at Amazon.com) and are interactive in giving *hints* and *answers*. A few examples are shown below:



Measure the Moon
In H. G. Wells' novel *The First Men on the Moon*, the first astronauts find supremely intelligent insects living in caves beneath the surface. Martin Gardner imagines that they would have a system of weights and measures, also supremely intelligent, in which the standard unit of distance, the "loonie", was adopted because the moon's surface area, expressed in square loonies, is exactly equal to the moon's volume in cubic loonies. The moon's diameter is 2,100 miles. How long is a loonie?

THE MAD HATTER




The Mad Hatter
When the day after tomorrow is yesterday," said the Mad Hatter, who was always confusing words and time, "then 'today' will be as far from Sunday as that day was which was 'today' when the day before yesterday was 'tomorrow'!


What day is it today?

Sun	Mon	Tue	Wed	Thurs	Fri	Sat
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A Basket of Eggs In the latter part of the Sung Dynasty, a Chinese philosopher returned from the market with a basket of 17 eggs. "Half of your eggs belong to me," said his wife. "I get a third," said his son. "And by ancient custom," explained the maid, "I am entitled to one ninth." How did the old philosopher solve the problem without breaking an egg?



Hasting's Squares In 1066 William of Normandy crossed the English Channel at Hastings and attacked King Harold's forces, formed as dense squares of men with interlocking shields. A contemporary history says that when Harold joined his men they "became as one mighty square, shouting the battle cries of 'Ut!', 'Olicrosse', and 'Godemite!'" If Harold's men were divided into 8 squares, and the addition of one man resulted in a new single square, how many men must there have been?



Edward the Confessor, a childless old man, had promised the crown of England to his cousin, William of Normandy, whose family had long sheltered him in exile.