

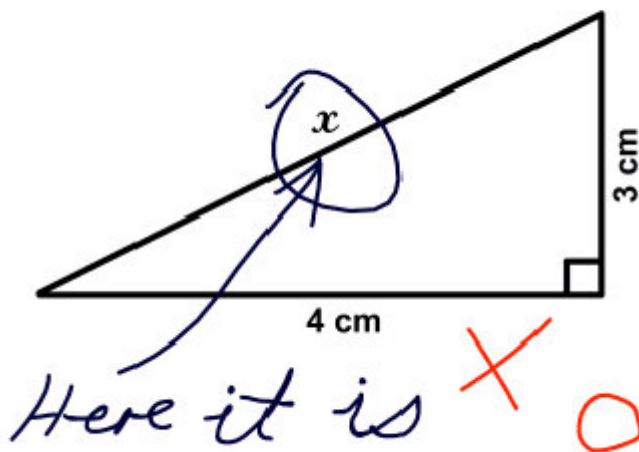
Kreatifnya Anak Luar Negeri

Oleh Adi Sumaryadi

Ada yang bilang bahwa tingkat kreatifitas anak luar negeri (maksudnya luar indonesia) lebih kreatif walaupun mereka melakukan sebuah kesalahan, saya tidak terlalu mempermasalahakan ini, tetapi ada beberapa hal lucu yang muncul dalam kreatifitas mereka, ini terinspirasi melihat sebagian foto yang dipresentasikan saat kuliah, ada beberapa gambar unik dan lucu (menurutku) yang bisa teman-teman lihat. Semuanya ada di selengkapanya.

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3. Find x.



Ocular Trauma - by Wade Clarke ©2005

2. A 3-kg object is released from rest at a height of 5m on a curved frictionless ramp. At the foot of the ramp is a spring of force constant $k = 100 \text{ N/m}$. The object slides down the ramp and into the spring, compressing it a distance x before coming to rest.

- 10 (a) Find x .
5 (b) Does the object continue to move after it comes to rest? If yes, how high will it go up the slope before it comes to rest?

Handwritten notes on the diagram:

- $U = 3(9.8)(5) = 147.15$
- $U_s = \frac{1}{2}(100)x^2 = 50x^2 \dots?$
- No. there is an elephant in the way.
- 0 (circled)

$$\int \frac{1}{\text{cabin}} d\text{cabin} = \ln \text{cabin} + c$$

= natural log cabin + c

= houseboat



PETER

1.21

4b) Expand

$$(a+b)^n$$

$$= (a + b)^n$$

$$= (a + b)^n$$

$$= (a + b)^n$$

etc...

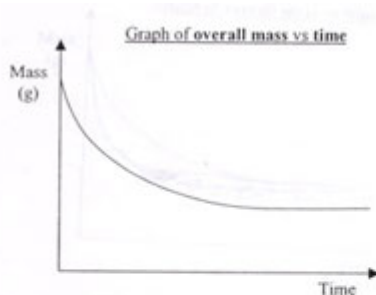
After explaining to a student through various lessons and examples that:

$$\lim_{x \rightarrow 8} \frac{1}{x-8} = \infty$$

I tried to check if she really understood that, so I gave her a different example.

This was the result:

$$\lim_{x \rightarrow 5} \frac{1}{x-5} = 5$$



1. Explain the shape of the graph.

Its curve, with a higher bit at the end and a rather aesthetically pleasing slope downwards towards a pretty flat straight bit. The actual graph itself consists of 2 straight lines meeting at the lower left hand corner of the graph and moving away at a 90° angle. Each line has an arrow head on the end. ~~XXXX~~

Solving equation by one Blondie:

$$\frac{1}{n} \sin x = ?$$

$$\frac{1}{n} \sin x =$$

$$six = 6$$

$$c = a + b + d$$

$$c = (T \cdot S \cdot (2 \cdot 10^9)) + 3\alpha + 2 \cdot 3 \ln(11) \int$$

$$c = (T \cdot S \cdot \log \frac{1}{x^2}) + 3\alpha + 6 \ln(11) \int$$

$$c = \left[\int_{x_1}^{x_2} \sum_{i=1}^n \alpha dx + \frac{3[(3+7x)^2 + 6 \cdot 3T]}{(5+y)(8+2)+1} + 6 \ln(11) \int \right]$$

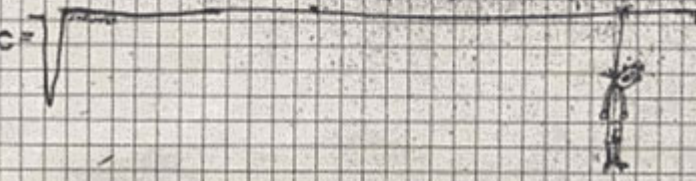
$$c = \left[\int_{x_1}^{x_2} \sum_{i=1}^n \frac{(3+7x)^2 + 6 \cdot 3T}{(5+y)(8+2)+1} dx + \frac{3[(3+7x)^2 + 6 \cdot 3T]}{(5+y)(8+2)+1} + 6 \ln(11) \int \right]$$

$$c = \left[\int_{x_1}^{x_2} \sum_{i=1}^n \frac{(3+7x)^2 + (\beta \cdot 180^\circ) + 3T}{(5+y)(8+2)+1} dx + \frac{3[(3+7x)^2 + (\beta \cdot 180^\circ) + 3T]}{(5+y)(8+2)+1} + 6 \ln(11) \int \right]$$

$$c = \left[\int_{x_1}^{x_2} \sum_{i=1}^n \frac{\sqrt{3+7x} + (\beta \cdot 180^\circ) + 3T}{(5+y)(8+2) + \log 8} dx + \frac{3[\sqrt{3+7x} + (\beta \cdot 180^\circ) + 3T]}{(5+y)(8+2) + \log 8} + 6 \ln(11) \int \right]$$

$$c = \sqrt{\left[\int_{x_1}^{x_2} \sum_{i=1}^n \alpha dx + \frac{3[\sqrt{3+7x} + (\beta \cdot 180^\circ) + 3T]}{(5+y)(8+2) + \log 8} + 6 \ln(11) \int \right]}$$

$$c = \sqrt{\left[\int_{x_1}^{x_2} \sum_{i=1}^n \alpha dx + \frac{3[\sqrt{3+7x} + (\beta \cdot 180^\circ) + 3T]}{(5+y)(8+2) + \log 8} + 6 \ln(11) \int \right]}$$



A proton approaches a long line of positive charge so that with its initial trajectory it would intersect the line. The line has a uniform charge density of 5 nanoC/m. If the proton starts off with velocity 300 km/s a distance 1 km from the line charge, what is the distance of closest approach?

Mass of proton = 1.67×10^{-27} kg

$k = 8.99 \times 10^9$ Nmm/CC

Hint: find the field and potential that affect the proton.

Problem

Use calculus to find the identity of Batman.



Proof that girls are evil:

First we state that girls require time and money.

$$\text{Girls} = \text{Time} \times \text{Money}$$

And as we all know "time is money."

$$\text{Time} = \text{Money}$$

Therefore:

$$\text{Girls} = \text{Money} \times \text{Money} = (\text{Money})^2$$

And because "money is the root of all evil":

$$\text{Money} = \sqrt{\text{Evil}}$$

Therefore:

$$\text{Girls} = (\sqrt{\text{Evil}})^2$$

And we are forced to conclude that:

$$\text{Girls} = \text{Evil}$$

super duper 3+

17 people sit around a campfire. Then 6 people join them. 8 people leave. Later 10 more people leave. How many are around the campfire?



there is 5 people left around the campfire I drew 17 people around the campfire then I put in 6 more people then I took 8 away then I took away 6 people that is how I got 5.

* Student work *

$$\begin{array}{r} 26 \\ + 27 \\ \hline 53 \end{array} \quad \begin{array}{r} 30 \\ + 31 \\ \hline 61 \end{array} \quad \begin{array}{r} 30 \\ + 32 \\ \hline 63 \end{array} \quad \begin{array}{r} 35 \\ + 36 \\ \hline 71 \end{array} \quad \begin{array}{r} 36 \\ + 37 \\ \hline 73 \end{array}$$

Guess and Check

26 27 28 29 30 31 32 33 34 35 56 37

I am thinking of two numbers that are next to each other. Their sum is 73. What are the two numbers?

I guessed two numbers and added them. My answer was 53. It was a low. I kept guessing higher numbers. When I guessed 36 and 37 my answer was right.

* Student work
#2

$10y - 7 = 33 \Rightarrow y = 4$
 $68 = 8x - 12 \Rightarrow x = 10$
 $\frac{3}{4}x - 3 = 12 \Rightarrow x = 20$
 $x + 4 = 2x + 8 \Rightarrow x = -4$
 $2x + 1 = 2x + 7 \Rightarrow x = \text{A WASTE OF TIME}$
 Solve this equation?

Bagaimana menurut pendapat teman-teman?

Kata Kunci :