

TMA Marking	Peter Thomson 2013
	The following symbols and methods are used to indicate the feedback on your assignment. If you cannot easily read these comments please get in touch.
✓	On the left you should see a large blue tick. This uses windings font. It indicates that the section of your answer is appropriate, and a good answer.
<div style="border: 1px solid blue; padding: 2px; display: inline-block;">This is text styled to be in blue</div> <div style="border: 1px solid blue; padding: 2px; display: inline-block; margin-top: 10px;">25/25</div>	On the left is an example of an inline comment used to provide feedback and section marks. It is designed to stand out from your own text. Again, if this colour doesn't suit you let me know.
<div style="border: 1px solid blue; border-radius: 15px; padding: 5px; display: inline-block;">Comment in a callout</div>	On the left is an example of a comment in a callout, used when I want to point to a specific point.
LibreOffice is an excellent, free office suite that runs on most desktop computer systems, and can be used for TMAs- save work as doc files	If you have specific needs, for example you need to use a screen reader, or you cannot read blue text, and prefer e.g. comments in red, please include a message at the top of every TMA
<u>You can view marked TMAs using a web browser if you upload them to Google Docs</u>	

I have inserted a page break at the start of the document and added this page to indicate my marking techniques to the student and monitor

I can also easily add pro-forma grades and comments using Word

Criterion	Grade	Tutor's comment
1 Does the wiki page meet the brief?	E	You have an excellent focus on the material in the block and have done some research for new material to bring it up to date. You developed your work on the wiki and updated it after receiving feedback. You have referenced the block materials, as well as including citations, but you haven't used a quotation
2 Is the content factually accurate?	E	Your report shows good understanding of the topic
3 Is the structure appropriate for the audience, purpose and medium?	E	This report uses clear and appropriate structure, with suitable introduction and conclusion, and well ordered sequence of topics.
4 Is the style appropriate for the audience, purpose and medium?	E	You use a clear and appropriate style

Sample TMA for Electronic Marking. Prepared by Peter Thomson. June 2013

This TMA is marked with Word using macros on the toolbar

Plain text

Praesent consectetur, velit eget gravida interdum, libero dolor sollicitudin felis, id luctus magna metus et lectus. Curabitur eu bibendum orci, a tempus leo. Nam dignissim dolor eget risus sollicitudin convallis. Nunc dapibus odio in nunc lobortis eleifend. Etiam id ante dignissim libero semper elementum ac vel augue. Quisque turpis diam, elementum at elit a, convallis vehicula risus. Suspendisse lacus justo, vulputate vitae erat at, pulvinar ultrices diam. In hac habitasse platea dictumst. Curabitur lobortis fringilla nibh, posuere imperdiet purus porta dapibus. Nullam quis urna adipiscing orci interdum sollicitudin ac ut diam.

This wide margin was added using a macro

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One click on the document to locate the pointer, second click selects macro callout. Pointer may need moving

Cras lorem turpis, molestie eget dignissim ac, commodo eu felis. Ut sed turpis congue, volutpat mi id, porta arcu. Nullam a accumsan leo. Morbi et commodo lacus, nec ultricies nulla. ~~Vestibulum ante ipsum primis~~ in faucibus orci luctus et ultrices posuere cubilia Curae; Nullam faucibus turpis erat, sed vulputate odio hendrerit vel. Morbi id adipiscing massa, at accumsan neque. Mauris ut molestie turpis. In convallis libero quis tincidunt

Highlighting and strikethrough quick and easy

dictum. Nulla vitae leo fringilla lectus convallis elementum. Nulla hendrerit fermentum viverra. Vestibulum lectus augue, viverra vel purus in, posuere gravida urna.

floating ticks easy in Word

Bullet points and lists

1. Curabitur pharetra ut ante condimentum tristique. Cras volutpat urna in urna condimentum bibendum. Nullam lectus libero, vulputate vitae ligula ac,

inline ticks break formatting

A) tristique rutrum lectus. Aliquam quis

B) quam molestie,

- placerat est et, vehicula nisl. Nullam facilisis
- venenatis elit vitae pellentesque.

Bullet points and lists are very easy to disrupt when you add comments in Word, but they don't get modified in a pdf. No problem if you use callouts

C) Pellentesque

2. aliquam ligula at quam elementum cursus non vel arcu. Pellentesque facilisis odio quis porttitor mollis.



callouts without borders used here

1. Sed nec porttitor nunc.

2. Nunc massa diam,

3. tincidunt condimentum ante vitae,

3. fermentum dapibus tortor. Cras id lectus pellentesque, dignissim est laoreet, lacinia arcu. Quisque scelerisque ipsum id tristique laoreet.

Images

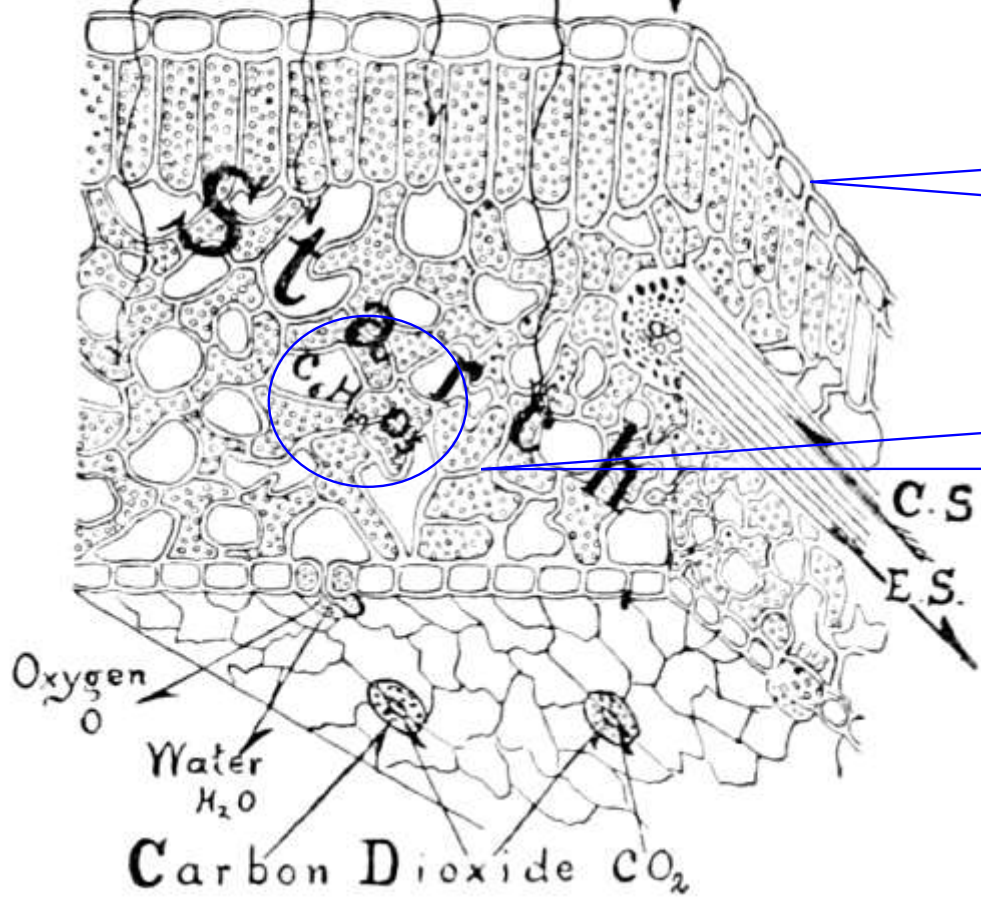
The following images are from <http://commons.wikimedia.org>

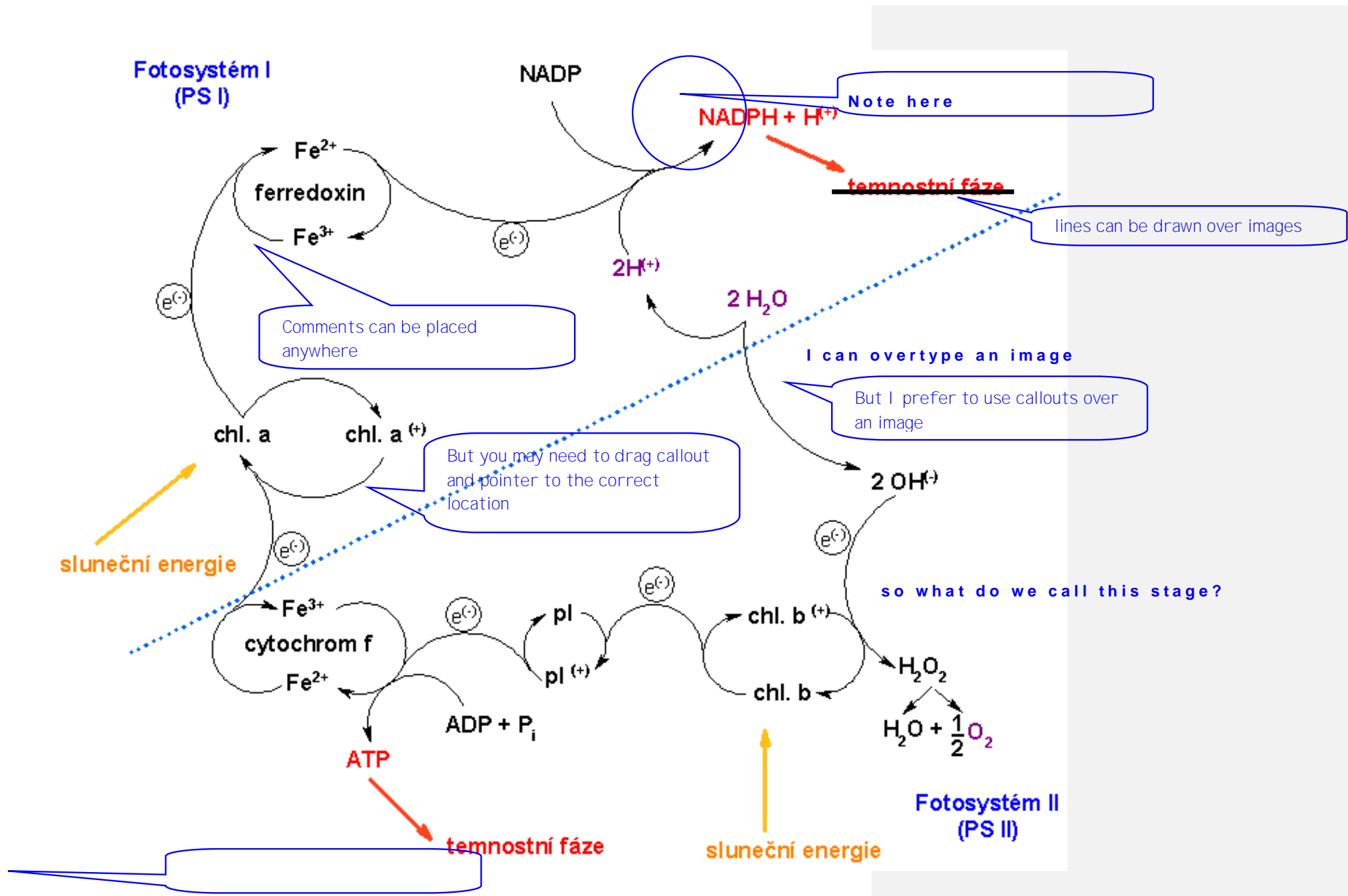
Solar Energy

I can also type over the image

I have dragged the corners of the image to enlarge it rather than use zoom

I have used a macro to add a transparent text pane over the image so I can click anywhere to add a comment





Note here

temnostní fáze

lines can be drawn over images

Comments can be placed anywhere

I can overtype an image
But I prefer to use callouts over an image

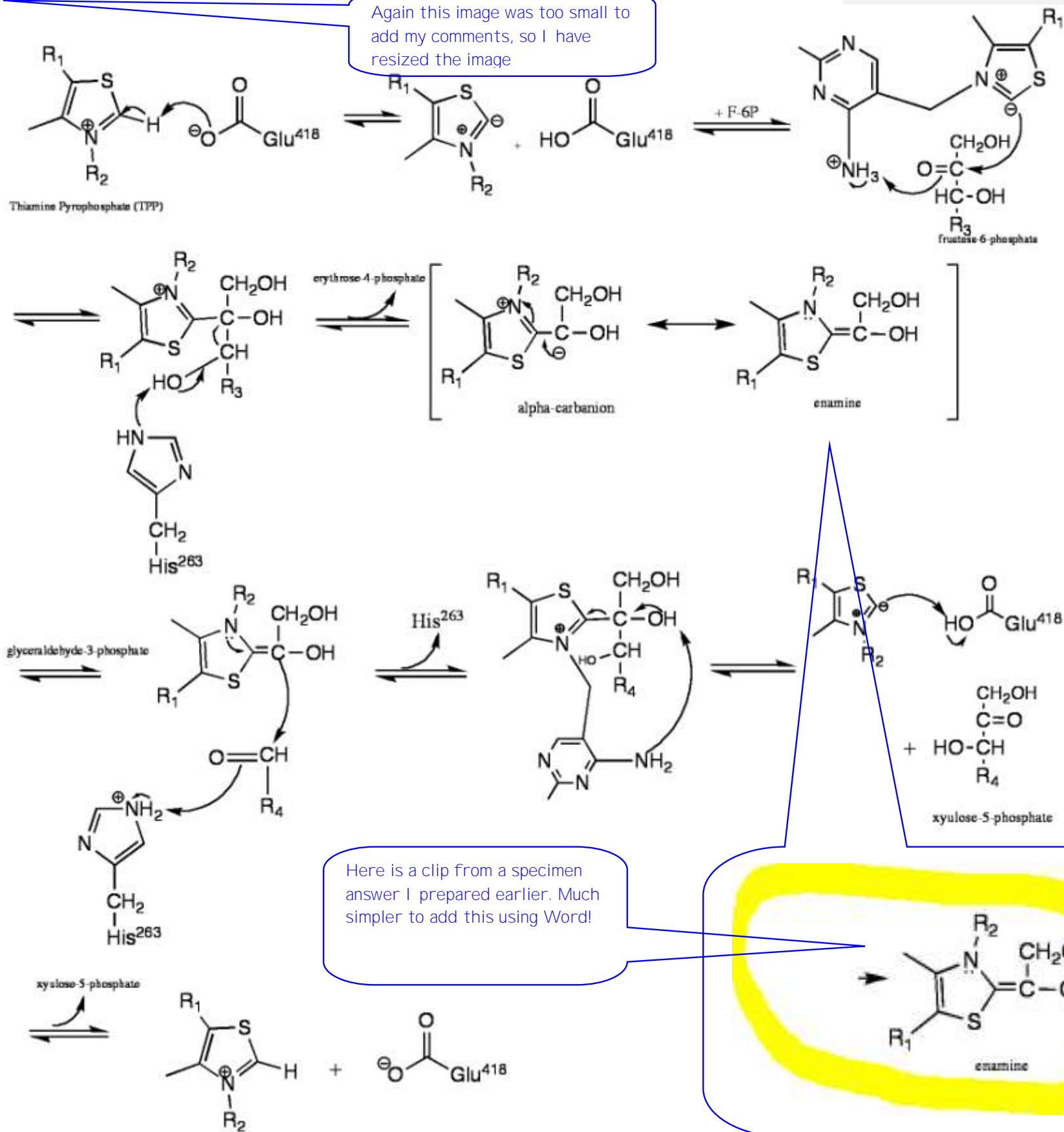
But you may need to drag callout and pointer to the correct location

so what do we call this stage?

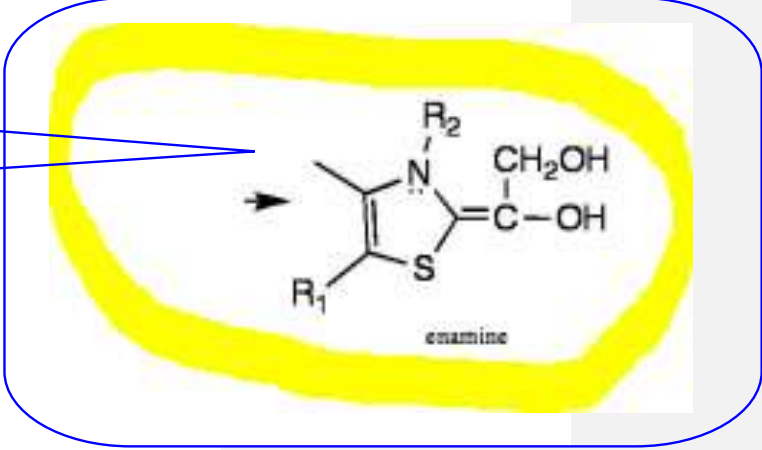
Too Small ?

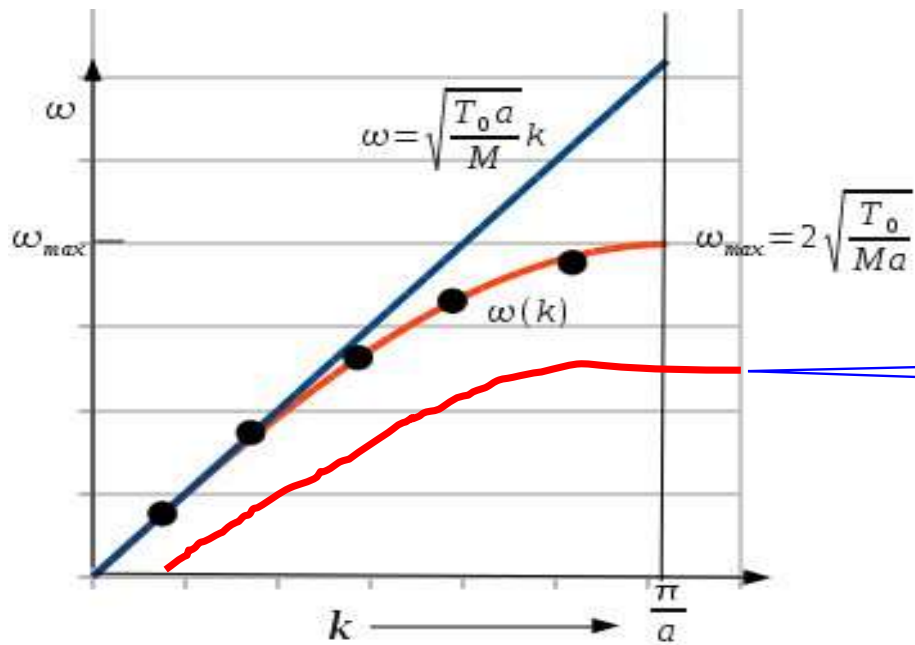
Comment [p1]:

Again this image was too small to add my comments, so I have resized the image



Here is a clip from a specimen answer I prepared earlier. Much simpler to add this using Word!





✓ ΔΞΦΨ
μνξπρ

groups of symbols in floating boxes can be dragged into any relationship. <http://math.typeit.org/>

Lines can be drawn over the page

But enlarging the previous image has changed the page formatting - this might be important if diagrams are closely related to each other. I could add a page break here to restore subsequent formatting

Binomial expansions and the Gamma function

JMH

P. 837
P. 166

$$(1+z)^\mu = \sum_{k=0}^{\infty} b_k z^k \quad |z| < 1$$

freeform lines easy to add over image

where $b_k = \binom{\mu}{k} = \frac{\Gamma(1+\mu)}{\Gamma(1+k)\Gamma(1+\mu-k)}$ by definition

$$= \frac{\Gamma(1+\mu)}{k! \Gamma(1+\mu-k)}$$

since k is always integer (20.19)

$$\alpha = \beta^2 + \gamma^3$$

If $\mu < 0$, it is tidier to use other forms (and avoid singularities at $\mu = -1, -2, -3, \dots$)

Single lines are easy to type in

$$\frac{d}{dr} \left(r \frac{du}{dr} \right) = \frac{eg}{\mu} r$$

Almost the only relationship concerning Γ you will ever use is

$$\Gamma(z+1) = z \Gamma(z) \quad (20.3)$$

Using this,

$$\frac{\Gamma(z)}{\Gamma(z-n)} = \frac{(z-1)\Gamma(z-1)}{\Gamma(z-n)} = \frac{(z-1)(z-2)\Gamma(z-2)}{\Gamma(z-n)} = (z-1)(z-2)\dots(z-n)$$

$$= (-1)^n (n-z)(n-1-z)\dots(1-z)$$

$$= (-1)^n \frac{\Gamma(n+1-z)}{\Gamma(1-z)}$$

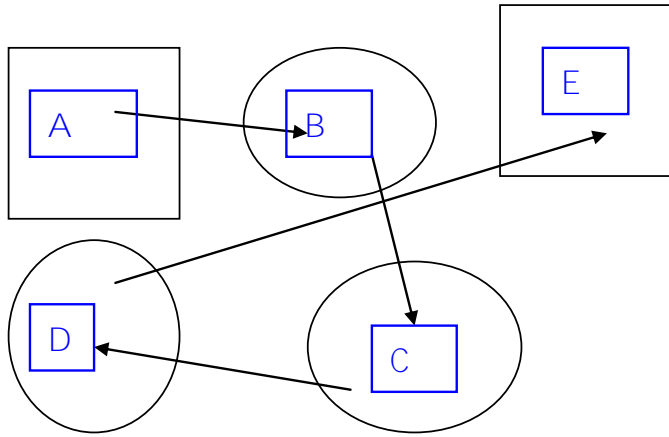
Image supplied by a maths tutor

which looks neater as $\Gamma(z)\Gamma(1-z) = (-1)^n \Gamma(z-n)\Gamma(1+n-z)$ ⊗

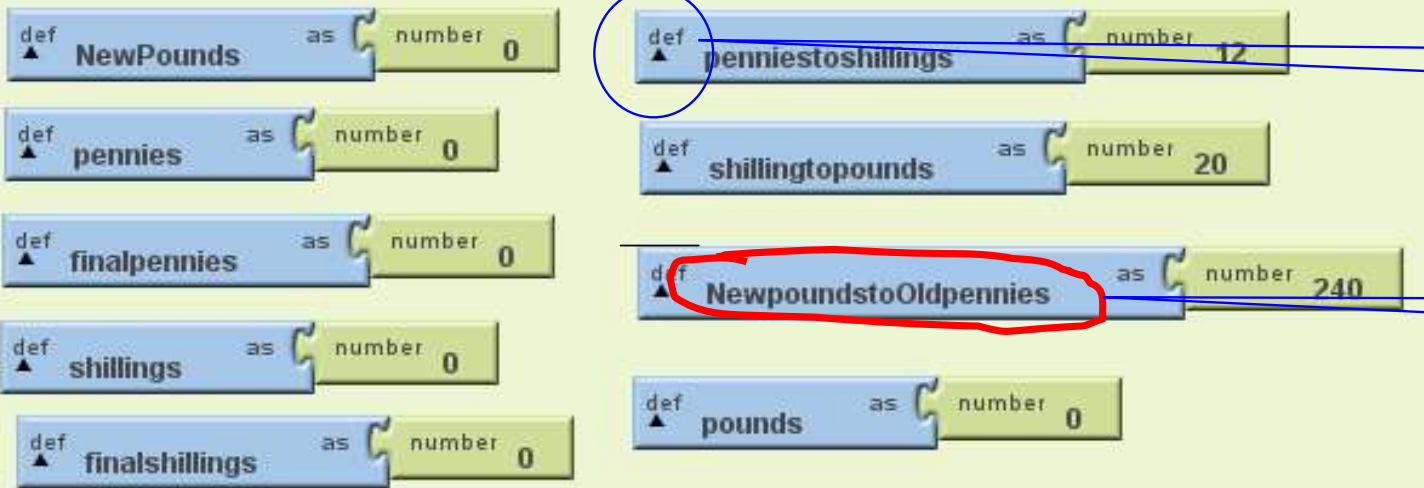
$$\frac{d}{dr} \left(r \frac{du}{dr} \right) = \frac{eg}{\mu} r$$

Image clips from pre-prepared answer much faster than typing more than a little.

Block diagrams with separate components.

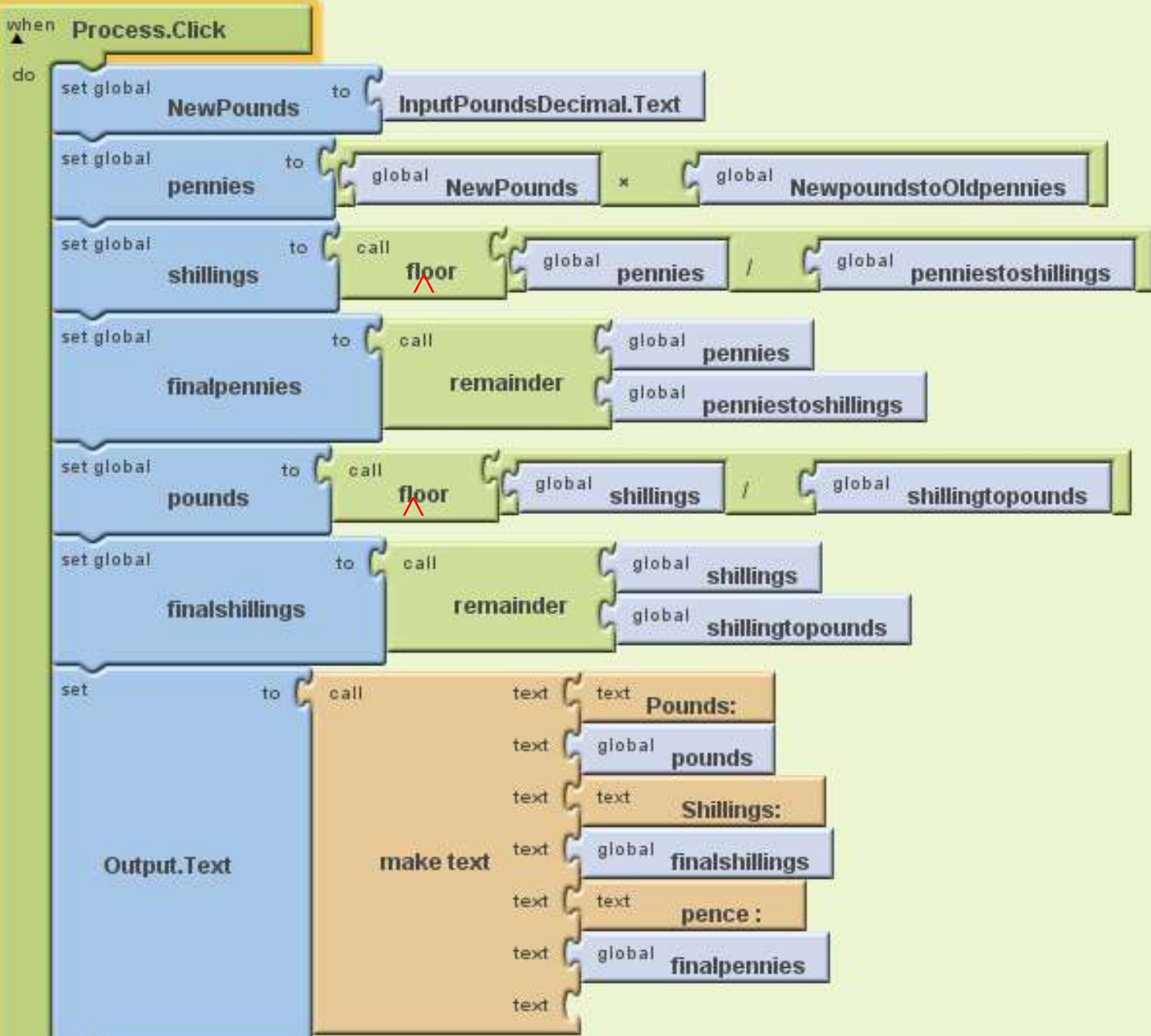


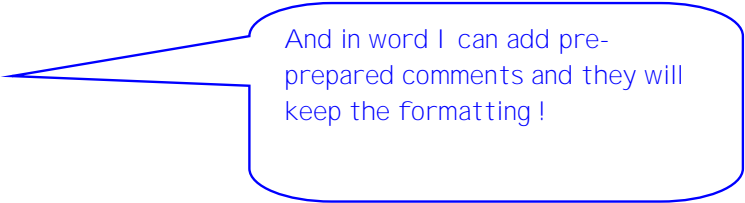
Use callouts to avoid disrupting diagrams built from separate components, or place the clear pane over the top using a macro



Sometimes I want to draw attention to specific points

use meaningful variable names





And in word I can add pre-prepared comments and they will keep the formatting !

