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# Wrap text around figures <sup>1</sup>

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## 1 Wrapping figures in text

It is often that we have to include figures in a textual document. Wrapping text around figures has not always been easy. The packages `wrapfigure` and `picinpar` make it possible, although they need some effort to get them right. This article shows how to wrap text around figures, the way you want.

### 1.1 Use `wrapfigure`

This is some text in a framebox.

Figure 1: An example of the `wrapfigure` environment

The starting place for the `wrapfigure` environment was manually determined in the current example by first setting the text without the figure to find the linebreaks.

This is some filler text for our page. This is some filler text for our page.

The `\wrapfigure` environment looks like this: `\begin{wrapfigure}[A]{B}{C}`

- To adjust the height of the box where the figure will be placed, use the optional parameter `A` (height in number of short lines)
- To place the figure to the left, centre, or right of the text, replace `B` by `l`, `L`, `r`, `R`, `i`, `I`, `o`, `O`  
The position parameter has eight possible values -

```
r R right side of the text
l L left side of the text
i I inside edgenear the binding (in a twoside document)
o O outside edgefar from the binding
```

- To adjust the width of the box where the figure will be placed, use the parameter `C` (specify the length units too)

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<sup>1</sup>This is a  $\LaTeX$  document.

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- To shrink or swell the size of the figure, choose an appropriate scale= in `\includegraphics`
- To raise or lower the figure inside the box, choose the value of `\vspace` before and after the `\includegraphics`
- Move the figure left or right using `\hspace` (positive or negative) placed just before the `\includegraphics`

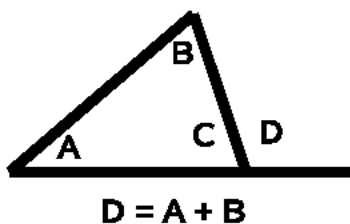


Figure 2: A math sketch here

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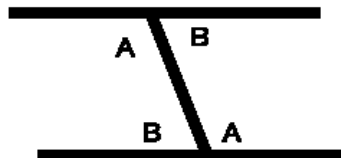
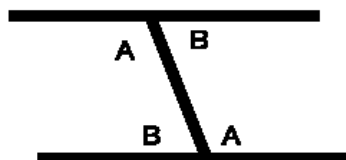


Figure 3: A sketch here

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Now, try to stick a picture at a specific place, relative to a paragraph of text. Like this. Now, try to stick a picture at a place, relative to a paragraph of



**Figure 6:** *External angle of a triangle*  
with or without caption. There must be enough text to go around the picture, or the picture should be small enough to have enough text around it. Or else, you get some ugly results.

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text. Now, try to stick a picture at a place, relative to a paragraph of text. Now, try to stick a picture at a place, relative to a paragraph of text. Now, try to stick a picture at a place, relative to a paragraph of text. Now, try to stick a picture at a place, relative to a paragraph of text. Now, try to stick a picture at a place, relative to a paragraph of text. Now, try to stick a picture at a place, relative to a paragraph of text.

You can decide if you want the picture at right, left or centre. Or, a picture,