When drawing with idraw on the Mac, objects are typically scaled up wrt other dsplays. For example, the scaling factor to convert an idraw image drawn on the Mac down to the size that displays properly on the old IPC Sparc, the conversion factor is 0.868. The specific means to do this from within idraw are as follows: (a) load the image drawn on the Mac into idraw displaying on the IPC; (b) select the entire drawing; (c) group it; (d) run 'Precise Scale' with arguments .868, .868.

To convert the other direction, use the inverse scaling of 1/.868 which = 1.1520.

On the regular HPs, the conversion factor from the Mac is .758, inverse of which - 1.3193. On the X-term HPs, the factor is .8012 (1.2481).

Here's a summary conversion table:

* It turns out that the new Ultra is exactly the same res as the HP Xterms.

Misc Oddities: The idraw figures in rsl/alpha/doc/browser were presumably originally drawn on thyme. However, on at least one of the figures (initial-browser-config.idr), the above .8735 HP conversion didn't work. Instead, the conversion to HP conversion was .947. Go figure. Anyway, there may be some other old figures like this laying around who knows where. There are some other places, e.g., the formal specification primer figures, where a scaling factor of 1.085 was necessary to restore normal size fonts. I'm not at all sure where the down scaling came from.

To: / From:	Mac	Sparc	HP	HP Xterm	Ultra Sparc*	Toshiba
Mac	0	.868	.758	.8012	.8012	
IPC Sparc		0	.8735		.90905	
HP	1.3193	1.1448	0	1.0555	1.0555	
HP Xterm	1.2481		0.9474 .9231 - .9211 = .9221	0		
Ultra Sparc*	1.2481		0.9474	0	0	.7498
Toshiba				1.3337		