MAC0300 - Lista 2

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PROMPT:	Exercises 6.4,	6.10 e 7.5 fi	rom IEEE (Overton)	book
6.4					

If using float-point precision:

If using double-point precision:

6.10

Correctly rounded:

One guard bits:

Result = 1. One guard bit is not enough as, after shifting 24 places to the right, the second term would be filled with zeros with a single one on the guard bit. If rounding up, the result would be correct.

Two guard bits:

Result = 1. Again, two guard bits are not enough as, after shifting 24 places to the right, the second term would be filled with zeros with a single one on the first guard bit and another zero on the second guard bit. If rounding up, the result would be correct.

7.5