Handout Math 48C Mitchell Schoenbrun
Solving Triangles

For these right Triangles, draw a diagram and find the missing parts. Assume c is the hypoteneuse.

1) $m\angle A = 23°; c = 27$

2) $m\angle B = 67°; c = 72$

3) $a = 428; b = 797$

4) $a = 11; b = 21$

For Each triangle find the missing parts:

5) $m\angle A = 37°; m\angle B = 28°; b = 14$

6) $a = 15; b = 14; c = 8$

7) $A = 10; B = 5; m\angle b = 23°$

8) $a = 63; m\angle B = 73°; b = 54$
(hint: can you find both solutions?)