

# Main

|     |           |
|-----|-----------|
| BB0 | 3: const  |
|     | 4: const  |
|     | 7: const  |
|     | 14: const |

|     |  |
|-----|--|
| BB1 |  |
|-----|--|

dom

|     |                          |
|-----|--------------------------|
| BB2 | 3: cmp (3) (4)           |
|     | 5: bge (3) block:= [4]   |
|     | 16 : phi i16 := (3) (13) |

dom

dom

branch

fall-through

branch

|     |         |
|-----|---------|
| BB4 | 17: end |
|-----|---------|

|     |                     |
|-----|---------------------|
| BB3 | 6: mul (16) (-1)    |
|     | 7: adda (6) (-1)    |
|     | 8: store (7) (7)    |
|     | 9: add (16) (16)    |
|     | 9: mul (9) (-1)     |
|     | 10: adda (9) (-1)   |
|     | 11: load (10)       |
|     | 12: write (11)      |
|     | 13: add (16) (14)   |
|     | 15: bra block:= [2] |