

qpositive^{11,40}

```
qpositive(r)  
≡def if isint(r)  
      then 0 <z r  
      else let p,q = r in bor(band(0 <z p; 0 <z q); band(p <z 0; q <z 0))  
      fi
```

clarification:

```
qpositive(r)  
≡def if isint(r;tt;ff)  
      then 0 <z r  
      else let p,q = r in bor(band(0 <z p; 0 <z q); band(p <z 0; q <z 0))  
      fi
```