In that state = 2

$$Y = 0.8$$
 $B(s, a) = R(s, a) + Y \cdot max[a(s', a')]$
 $R(2,3) = 0$
 $B(s',a') = [B(3,1), B(3,2), B(3,4)]$
 $Mox(B(s',a')) = Mox[80, 0, 0] = 80$
 $Y \times Mox(B(s',a')) = Mox[80, 0, 0] = 80$
 $Y \times Mox(B(s',a')) = 0.8 \times 80 = 64$
 $B(2,3) = 0 + 64 = 64$
 $B(3,1) = 0$
 $B(s',a') = [B(1,3), B(1,5)]$
 $A(3,1) = 0$
 $B(s',a') = [B(1,3), B(1,5)]$
 $A(3,1) = 0 + 80 = 80$
 $B(1,5) = 100$
 $B(1,5) = 100$
 $B(1,5) = 100$
 $B(1,5) = 100$
 $B(1,5) = 100 + 0 = 100$

0 80 0 0 0 0

Scanned with CamScanner