cut 1: S1 = {1, 2, 3}, T1 = {4, 5, 6}

cut 2: S2 = {1}, T2 = {2, 3, 4, 5, 6}

cut 3: S3 = {1, 2, 3, 4}, T3 = {5, 6}

**cut 1: S1 = {1, 2, 3}, T1 = {4, 5, 6}**

1. W (S1, T1) = 0 + 0 + 4 + 0 + 0 + 0

= 4

1. Ratio Cut = +

= + = = 2.6

1. Normalized Cut = +

= + = 0.216

**cut 2: S2 = {1}, T2 = {2, 3, 4, 5, 6}**

1. W (S2, T2) = 2 + 3

= 5

1. Ratio Cut = +

= + = 6

1. Normalized Cut = +

= + = 1.019

**cut 3: S3 = {1, 2, 3, 4}, T3 = {5, 6}**

1. W (S3, T3) = 10
2. Ratio Cut = +

= + = 2.5 + 5 = 7.5

1. Normalized Cut = +

= + = 0.23 + 0.045 = 0.275