x : actgagttaa / y : acagaagta

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|  |  |  |  | a |  | c |  | t |  | g |  | a |  | g |  | t |  | t |  | a |  | a |  |
|  |  | 0 |  | 1 |  | 2 |  | 3 |  | 4 |  | 5 |  | 6 |  | 7 |  | 8 |  | 9 |  | 10 |  |
|  | 0 | 0 |  | -2 |  | -4 |  | -6 |  | -8 |  | -10 |  | -12 |  | -14 |  | -16 |  | -18 |  | -20 |  |
|  |  |  | 0 | -4 | -3 | -6 | -5 | -8 | -7 | -10 | -7 | -12 | -11 | -14 | -13 | -16 | -15 | -18 | -15 | -20 | -17 | -22 |  |
| a | 1 | -2 | -4 | 0 | -2 | -2 | -4 | -4 | -6 | -6 | -8 | -7 | -9 | -9 | -11 | -11 | -13 | -13 | -15 | -15 | -17 | -17 |  |
|  |  |  | -3 | -2 | 1 | -4 | -3 | -6 | -5 | -8 | -7 | -9 | -8 | -11 | -10 | -13 | -12 | -15 | -14 | -17 | -16 | -19 |  |
| c | 2 | -4 | -6 | -2 | -4 | 1 | -1 | -1 | -3 | -3 | -5 | -5 | -7 | -7 | -9 | -9 | -11 | -11 | -13 | -13 | -15 | -15 |  |
|  |  |  | -3 | -4 | -3 | -1 | 0 | -3 | -2 | -5 | -2 | -7 | -6 | -9 | -8 | -11 | -10 | -13 | -10 | -15 | -12 | -17 |  |
| a | 3 | -6 | -8 | -3 | -5 | -1 | -3 | 0 | -2 | -2 | -4 | -2 | -4 | -4 | -6 | -6 | -8 | -8 | -10 | -10 | -12 | -12 |  |
|  |  |  | -7 | -5 | -4 | -3 | 0 | -2 | 1 | -4 | -3 | -4 | -1 | -6 | -5 | -8 | -7 | -10 | -9 | -12 | -11 | -14 |  |
| g | 4 | -8 | -10 | -5 | -7 | -3 | -5 | 0 | -2 | 1 | -1 | -1 | -3 | -1 | -3 | -3 | -5 | -5 | -7 | -7 | -9 | -9 |  |
|  |  |  | -7 | -7 | -6 | -5 | -4 | -2 | -1 | -1 | 2 | -3 | -2 | -3 | -2 | -5 | -4 | -7 | -4 | -9 | -6 | -11 |  |
| a | 5 | -10 | -12 | -7 | -9 | -5 | -7 | -2 | -4 | -1 | -3 | 2 | 0 | 0 | -2 | -2 | -4 | -4 | -6 | -4 | -6 | -6 |  |
|  |  |  | -9 | -9 | -8 | -7 | -6 | -4 | -3 | -3 | 0 | 0 | 1 | -2 | -1 | -4 | -3 | -6 | -3 | -6 | -3 | -8 |  |
| a | 6 | -12 | -14 | -9 | -11 | -7 | -9 | -4 | -6 | -3 | -5 | 0 | -2 | 1 | -1 | -1 | -3 | -3 | -5 | -3 | -5 | -3 |  |
|  |  |  | -13 | -11 | -10 | -9 | -8 | -6 | -3 | -5 | -4 | -2 | 1 | -1 | 0 | -3 | -2 | -5 | -4 | -5 | -4 | -5 |  |
| g | 7 | -14 | -16 | -11 | -13 | -9 | -11 | -6 | -8 | -3 | -5 | -2 | -4 | 1 | -1 | 0 | -2 | -2 | -4 | -4 | -6 | -4 |  |
|  |  |  | -15 | -13 | -12 | -11 | -8 | -8 | -7 | -5 | -4 | -4 | -3 | -1 | 2 | -2 | 1 | -4 | -3 | -6 | -5 | -6 |  |
| t | 8 | -16 | -18 | -13 | -15 | -11 | -13 | -8 | -10 | -5 | -7 | -4 | -6 | -1 | -3 | 2 | 0 | 1 | -1 | -1 | -3 | -3 |  |
|  |  |  | -15 | -15 | -14 | -13 | -12 | -10 | -9 | -7 | -4 | -6 | -5 | -3 | -2 | 0 | 1 | -1 | 2 | -3 | 0 | -5 |  |
| a | 9 | -18 | -20 | -15 | -17 | -13 | -15 | -10 | -12 | -9 | -11 | -4 | -6 | -3 | -5 | 0 | -2 | 1 | -1 | 2 | 0 | 0 |  |

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