|  |  |  |
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|  | Q | Expanded |
| 1 | (0, S) | S |
| 2 | (1, p, S), (3, d, S), (9, e, S) | S |
| 3 | (3, d, S), (9, e, S), (16, q, p, S) | S, p |
| 4 | (4, b, d, S), (9, e, S), (11, c, d, S), (16, q, p, S) | S, p, d |
| 5 | (6, a, b, d, S), (9, e, S), (11, c, d, S), (16, q, p, S) | S, p, d, b, a |
| 6 | (9, e, S), (11, c, d, S), (16, q, p, S) | S, p, d, b, a, e |
| 7 | (10, h, e, S), (11, c, d, S), (16, q, p, S), (18, r, e, S) | S, p, d, b, a, e, h |
| 8 | (11, c, d, S), (14, q, h, e, S), (16, q, p, S), (18, r, e, S) | S, p, d, b, a, e, h, c |
| 9 | (13, a, c, d, S), (14, q, h, e, S), (16, q, p, S), (18, r, e, S) | S, p, d, b, a, e, h, c, q |
| 10 | (14, q, h, e, S), (16, q, p, S), (18, r, e, S) | S, p, d, b, a, e, h, c, q |
| 11 | (16, q, p, S), (17, r, q, h, e, S), (18, r, e, S) | S, p, d, b, a, e, h, c, q, r |
| 12 | (17, r, q, h, e, S), (18, r, e, S), (19, r, q, p, S) | S, p, d, b, a, e, h, c, q, r |
| 13 | (18, r, e, S), (19, r, q, p, S), (22, f, r, q, h, e, S) | S, p, d, b, a, e, h, c, q, r |
| 14 | (19, r, q, p, S), (22, f, r, q, h, e, S), (23, f, r, e, S) | S, p, d, b, a, e, h, c, q, r, f |
| 15 | (22, f, r, q, h, e, S), (23, f, r, e, S), (24, f, r, q, p, S) | S, p, d, b, a, e, h, c, q, r, f |
| 16 | (23, f, r, e, S), (24, f, r, q, p, S), (27, G, f, r, q, h, e, S) | S, p, d, b, a, e, h, c, q, r, f |
| 17 | (24, f, r, q, p, S), (27, G, f, r, q, h, e, S), (28, G, f, r, e, S) | S, p, d, b, a, e, h, c, q, r, f |
| 18 | (27, G, f, r, q, h, e, S), (28, G, f, r, e, S), (29, G, f, r, q, p, S) | S, p, d, b, a, e, h, c, q, r, f |
| 19 | **(27, GOAL, f, r, q, h, e, S)** |  |