

$\sim P(x_1, y_1, x_1, s_1) \mid P(y_1, y_1, y_1, \text{carry}(x_1, y_1, s_1))$

$\sim P(b, b, b, s_2) \mid R(\text{climb}(s_2))$

Ordered Resolution
{ $y_1 \leftarrow b, s_2 \leftarrow \text{carry}(x_1, b, s_1)$ }

$\sim P(x_7, b, x_7, s_7) \mid R(\text{climb}(\text{carry}(x_7, b, s_7)))$

$\sim P(x_0, y_0, z_0, s_0) \mid P(z_0, y_0, z_0, \text{walk}(x_0, z_0, s_0))$

Ordered Resolution
{ $x_7 \leftarrow z_0, y_0 \leftarrow b, s_7 \leftarrow \text{walk}(x_0, z_0, s_0)$ }

$R(\text{climb}(\text{carry}(z_9, b, \text{walk}(x_9, z_9, s_9)))) \mid \sim P(x_9, b, z_9, s_9)$

$P(a, b, c, s_1)$

Ordered Resolution
{ $x_9 \leftarrow a, z_9 \leftarrow c, s_9 \leftarrow s_1$ }

$\sim R(s_4)$

$R(\text{climb}(\text{carry}(c, b, \text{walk}(a, c, s_1))))$

Ordered Resolution
{ $s_4 \leftarrow \text{climb}(\text{carry}(c, b, \text{walk}(a, c, s_1)))$ }

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