

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

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

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

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

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

$\sim P(x_{10}, b, x_{10}, s_{10}) \mid R(\text{climb}(\text{carry}(x_{10}, b, s_{10})))$

Ordered Resolution  
 $\{ x_0 \leftarrow a, y_0 \leftarrow b, z_0 \leftarrow c, s_0 \leftarrow s_1 \}$

$P(c, b, c, \text{walk}(a, c, s_1))$

Ordered Resolution  
 $\{ x_{10} \leftarrow c, s_{10} \leftarrow \text{walk}(a, c, s_1) \}$

$\sim R(s_4)$

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

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

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