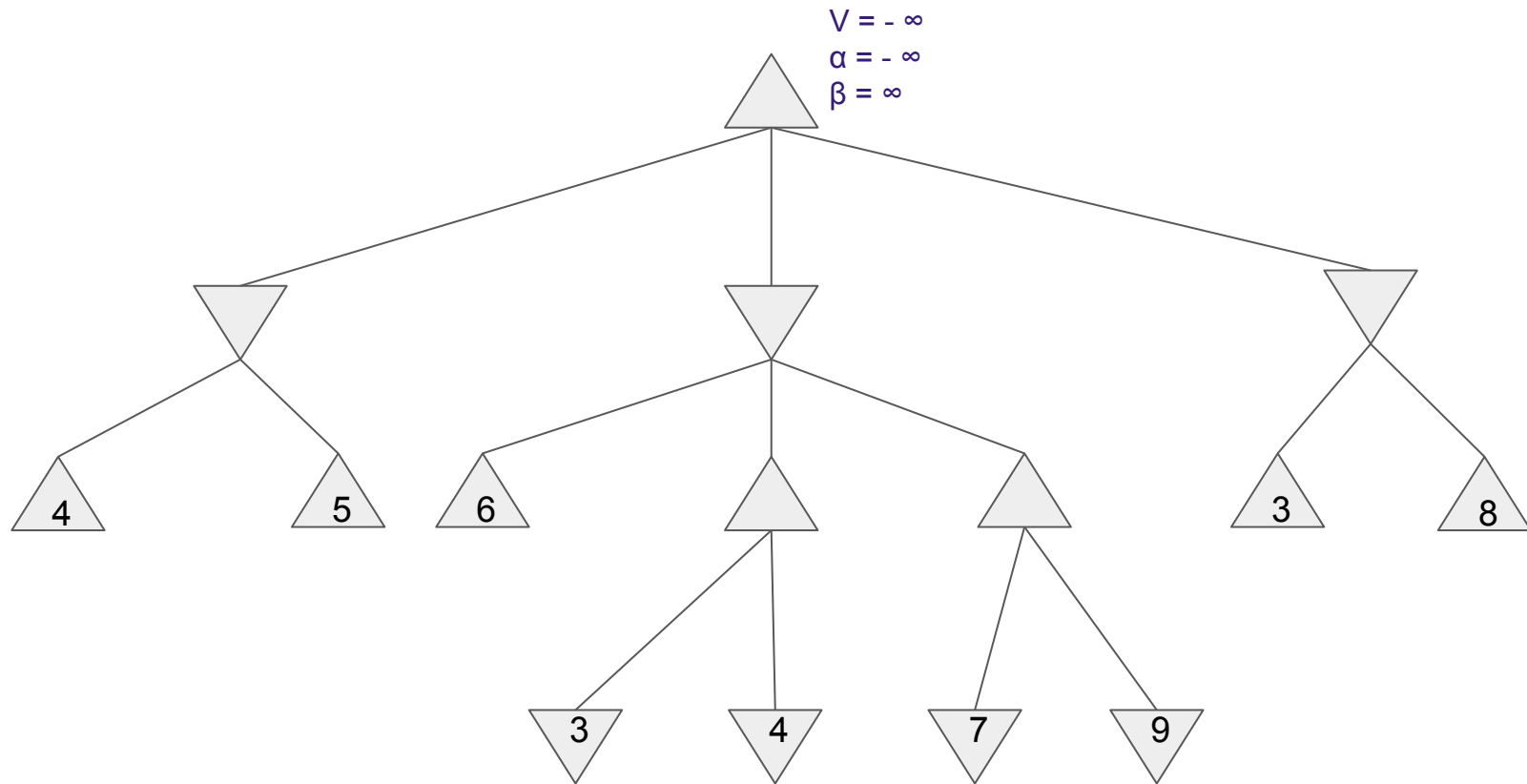


Artificial Intelligence

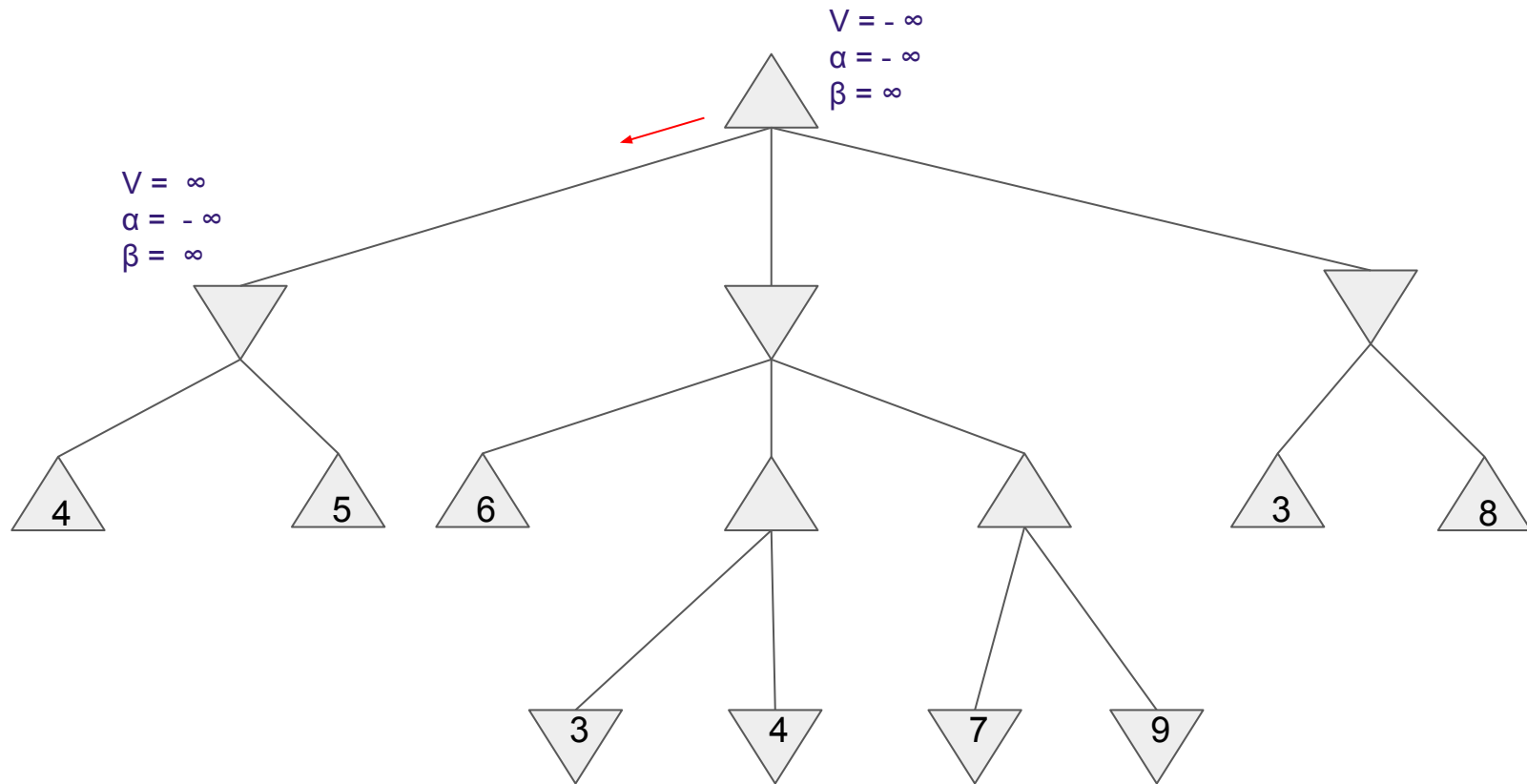
Alpha Beta Pruning

Vijani Supeshala Piyawardana | BSc (Hons) Computer Science

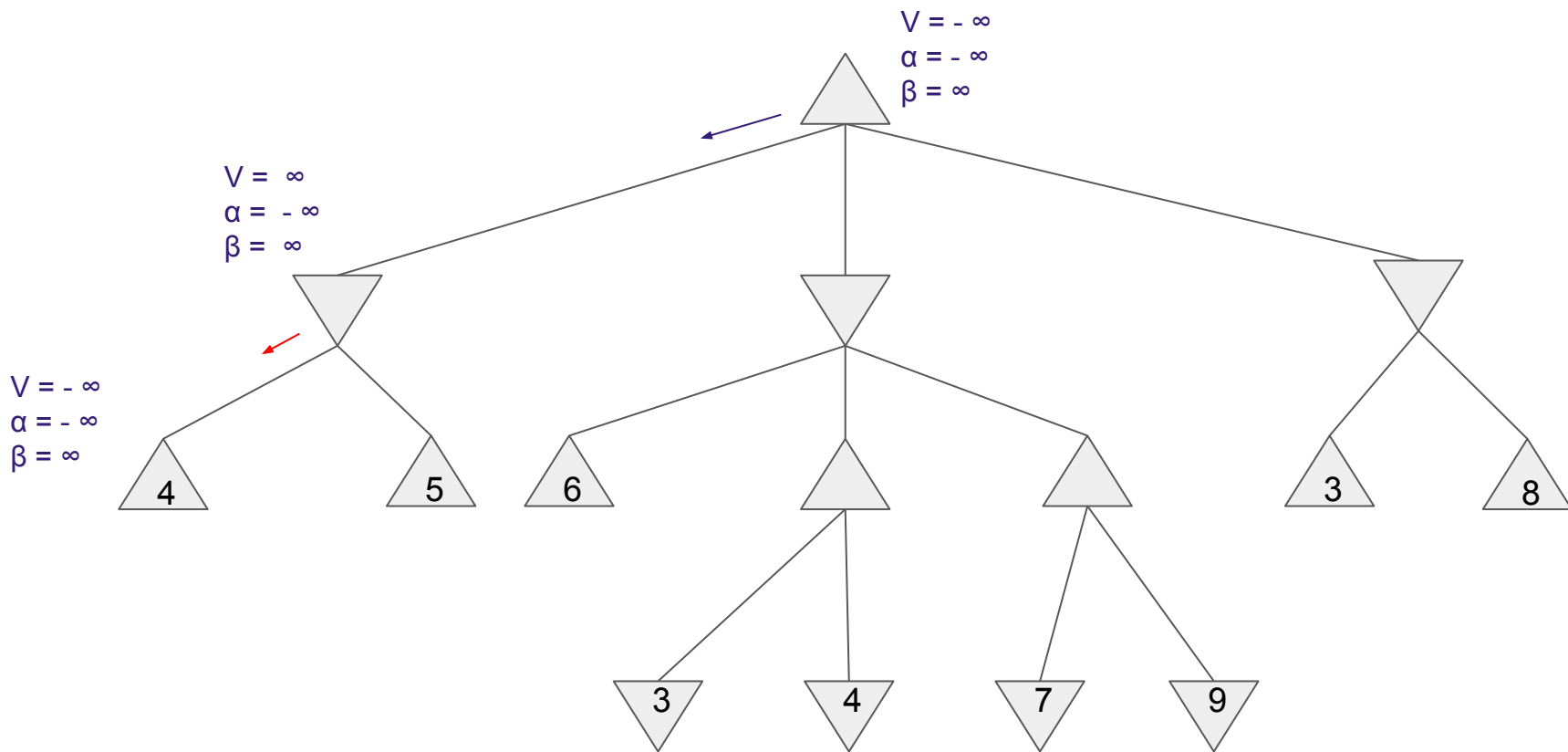
$\alpha \geq \beta$ true prune | MAX : $V \leq \alpha$ false change α to value V | MIN : $V \geq \beta$ false change β to value V



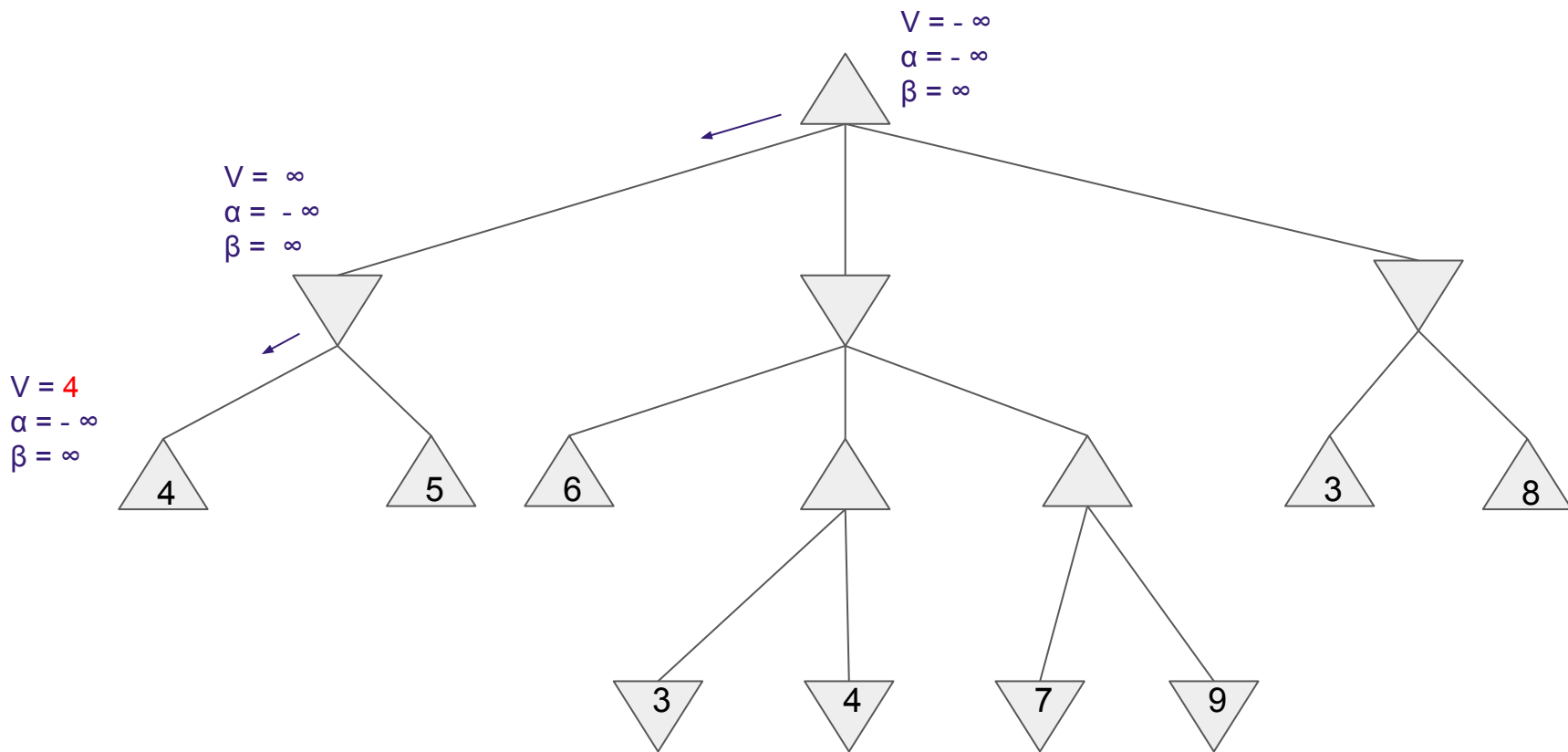
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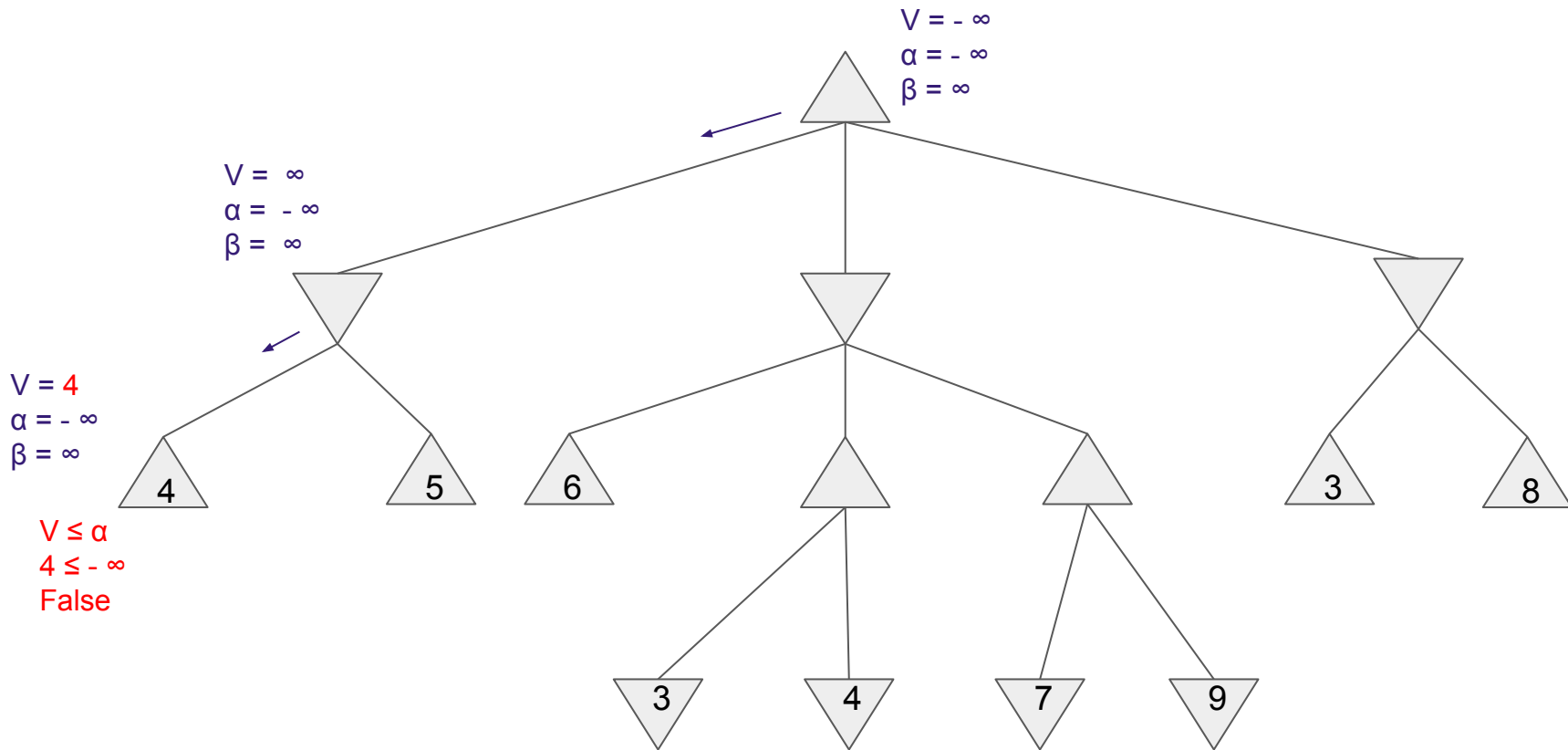
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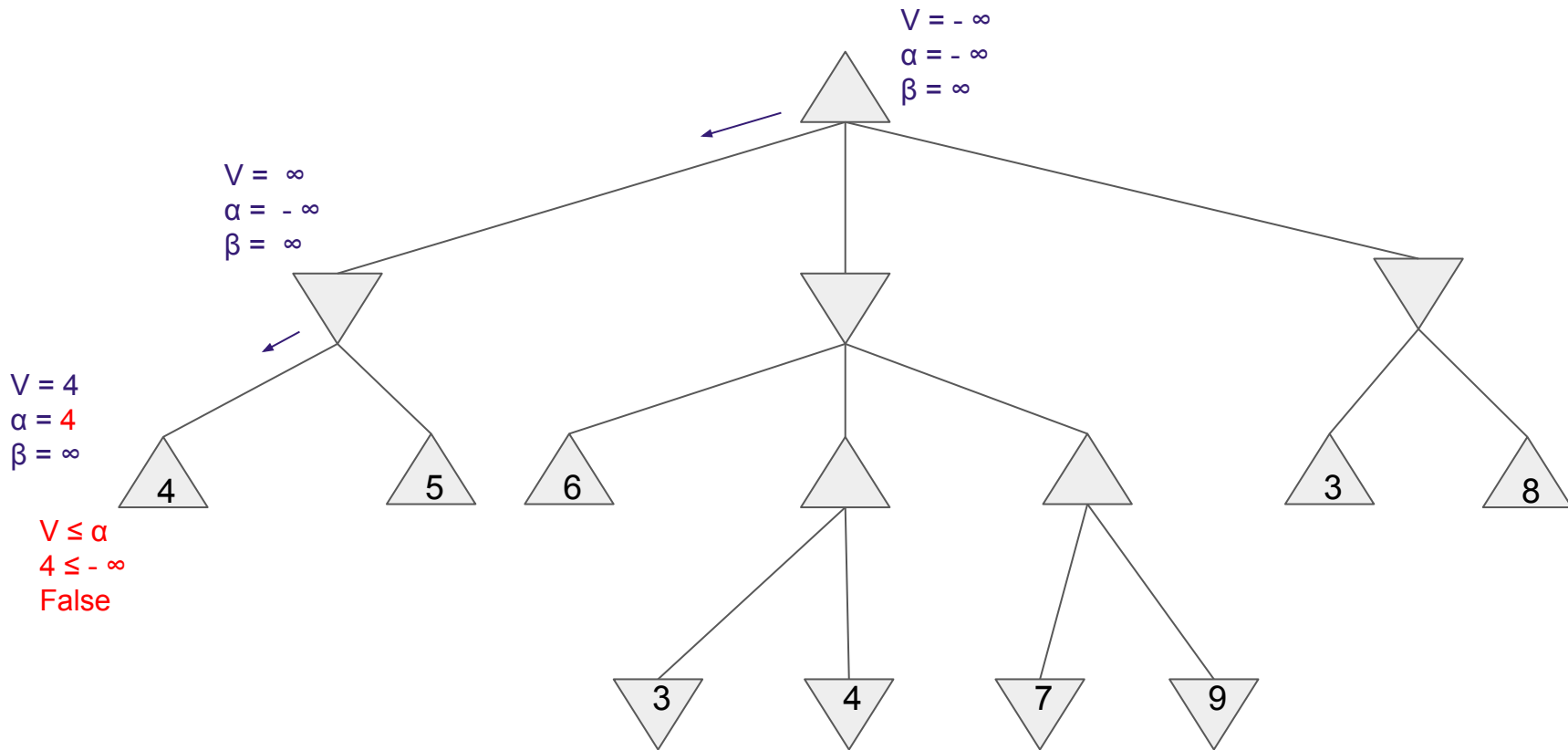
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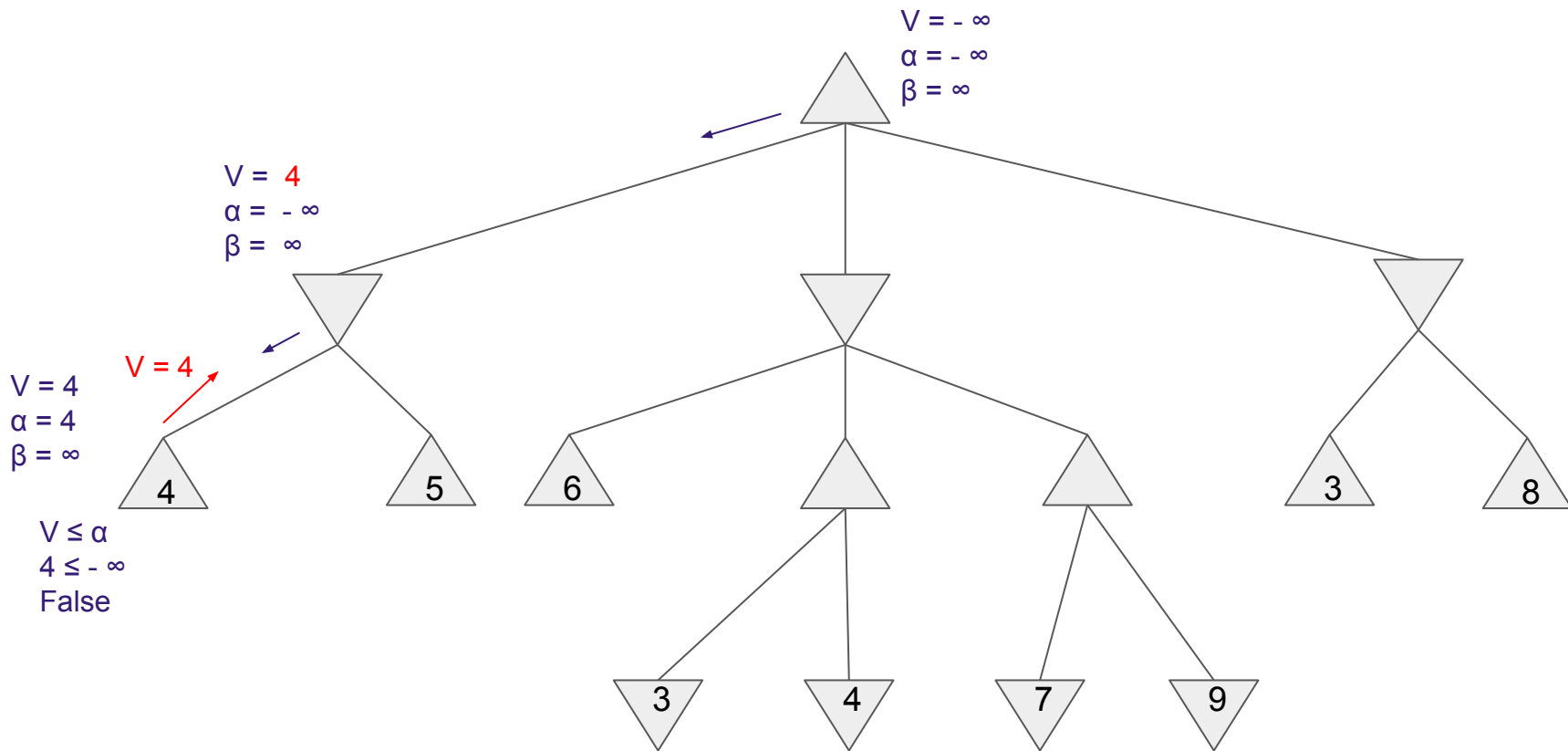
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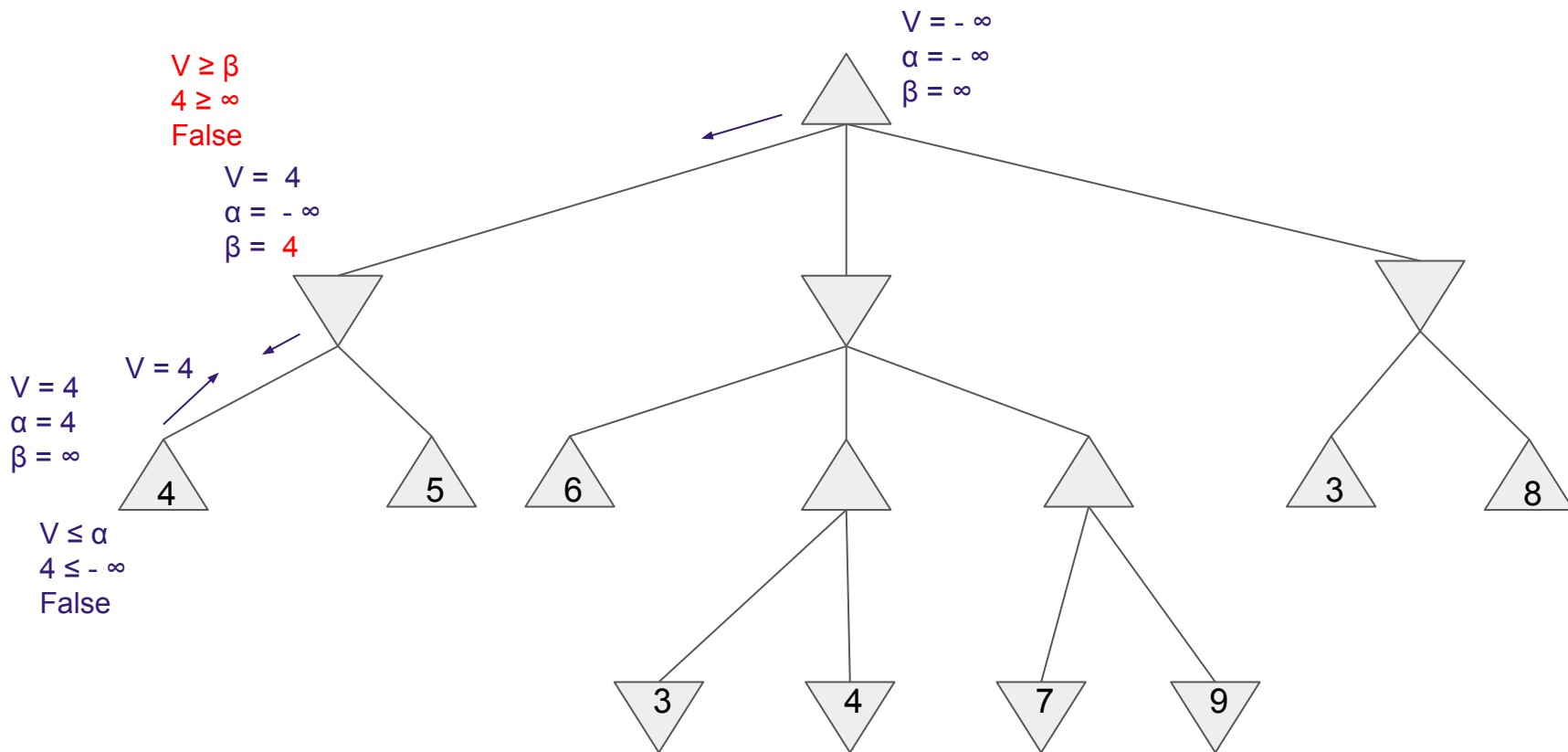
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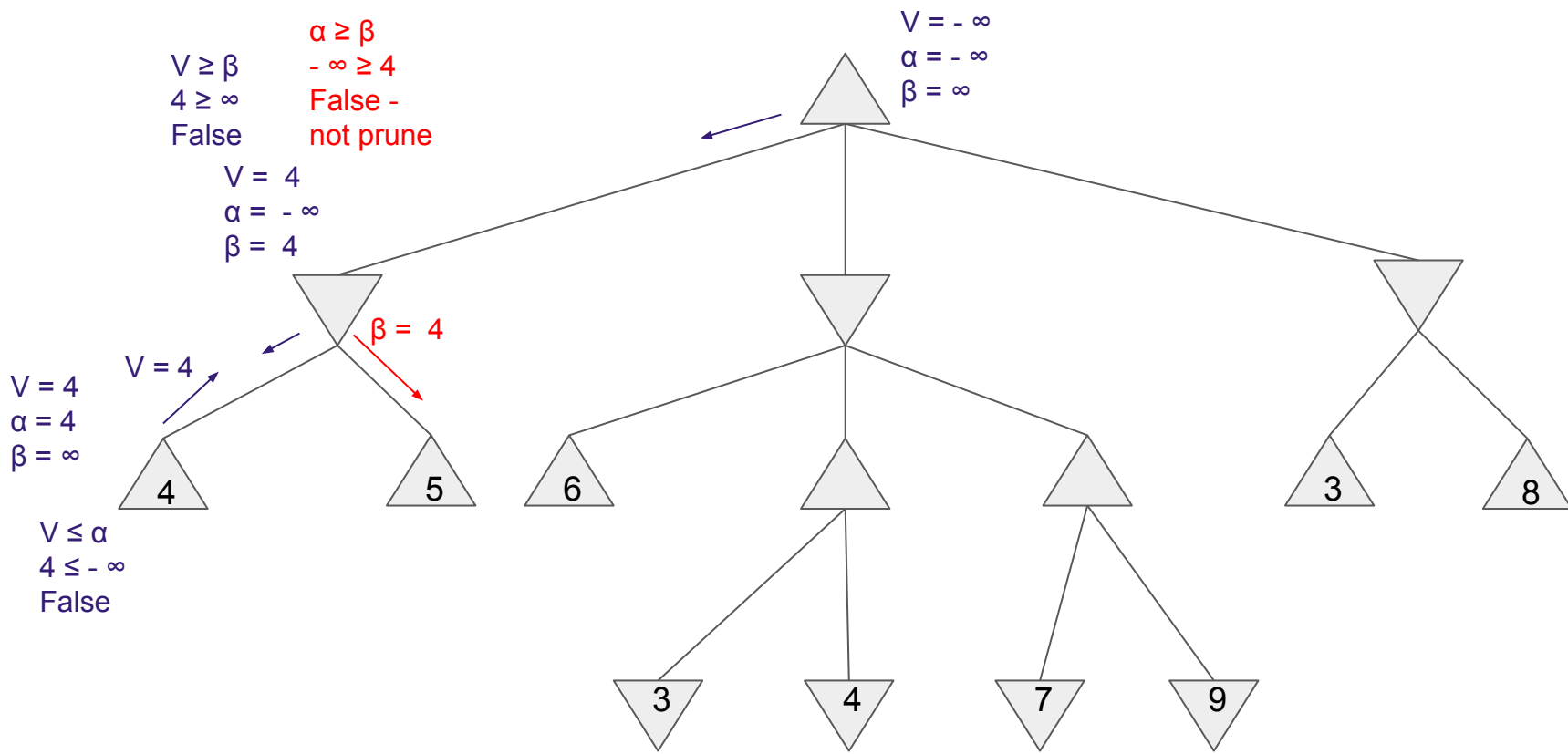
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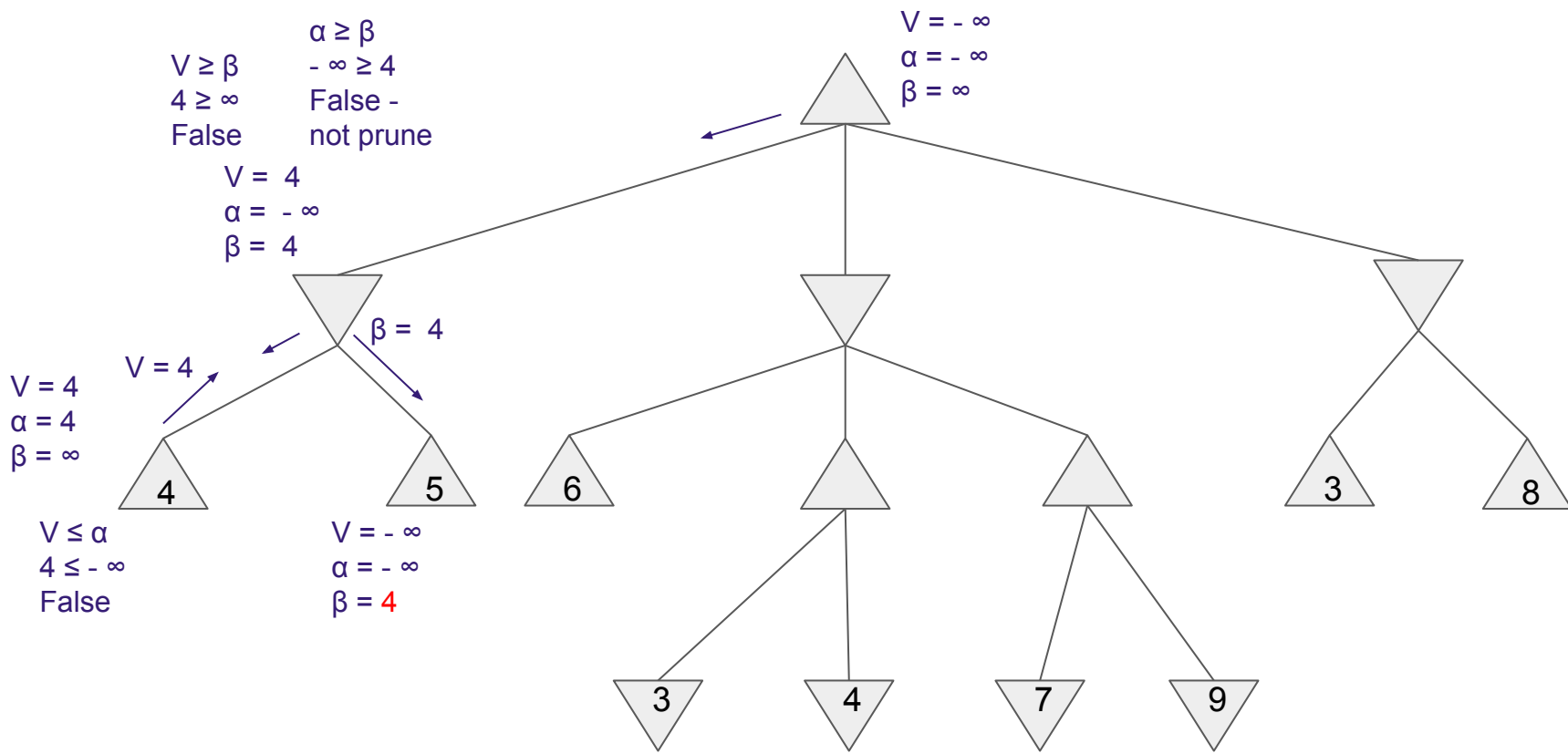
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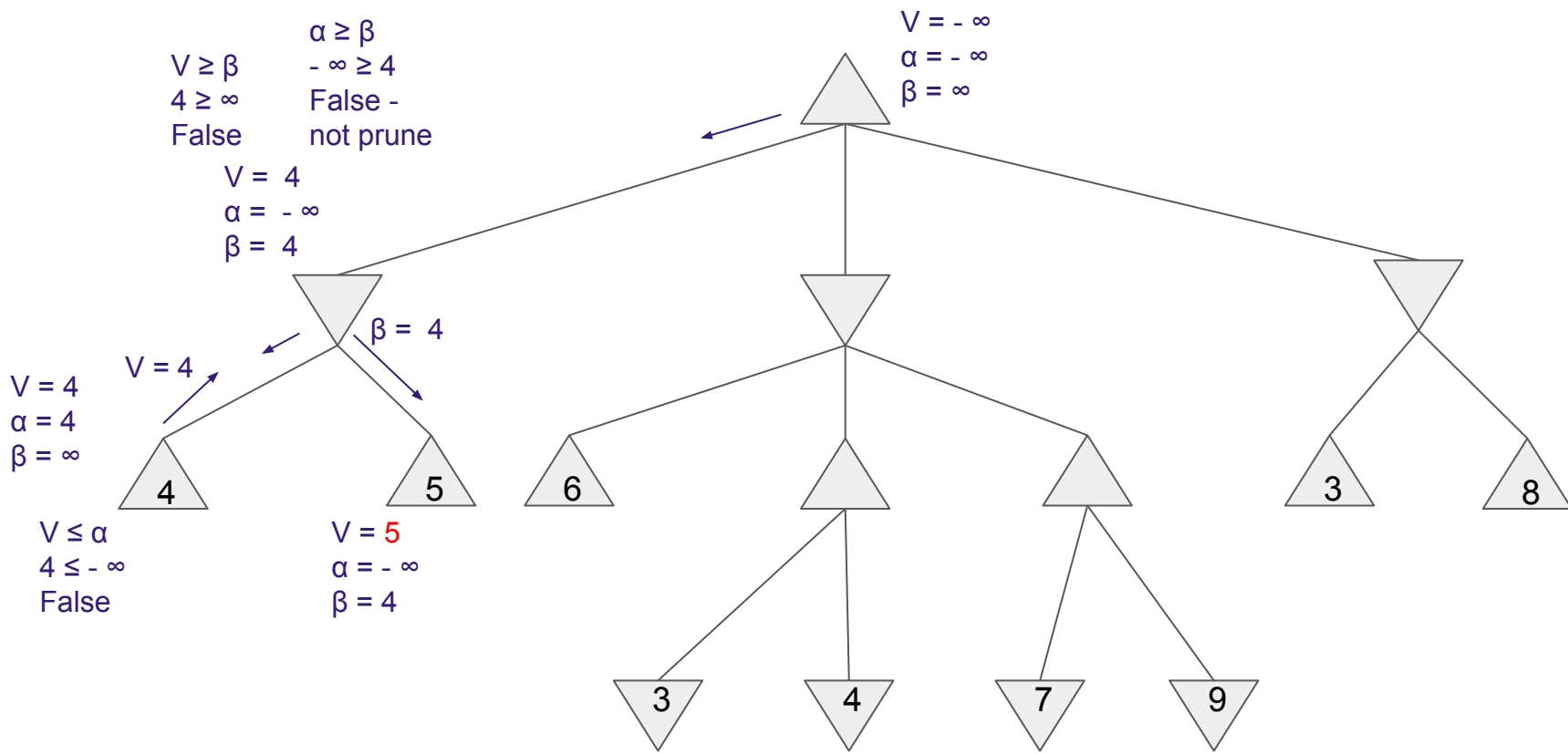
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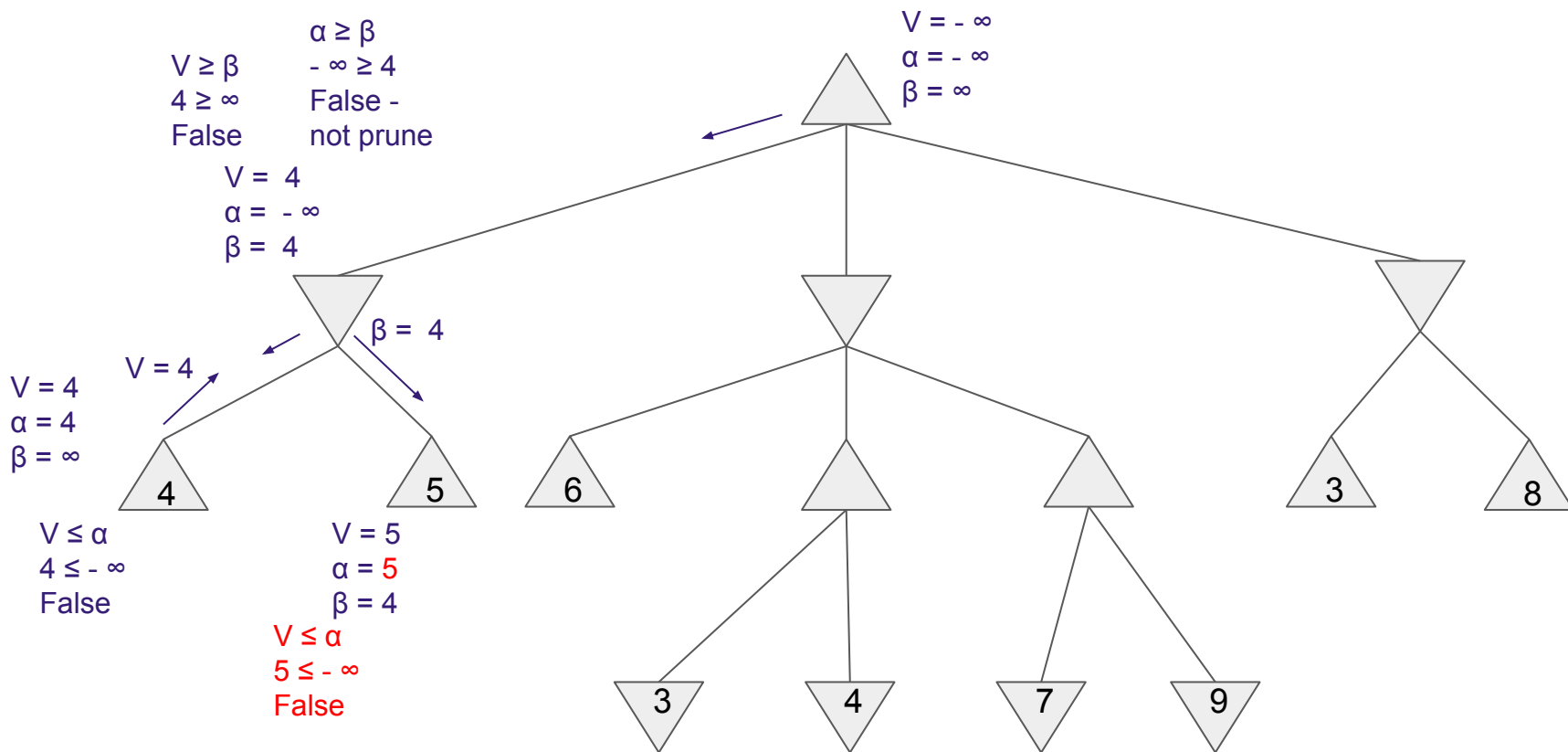
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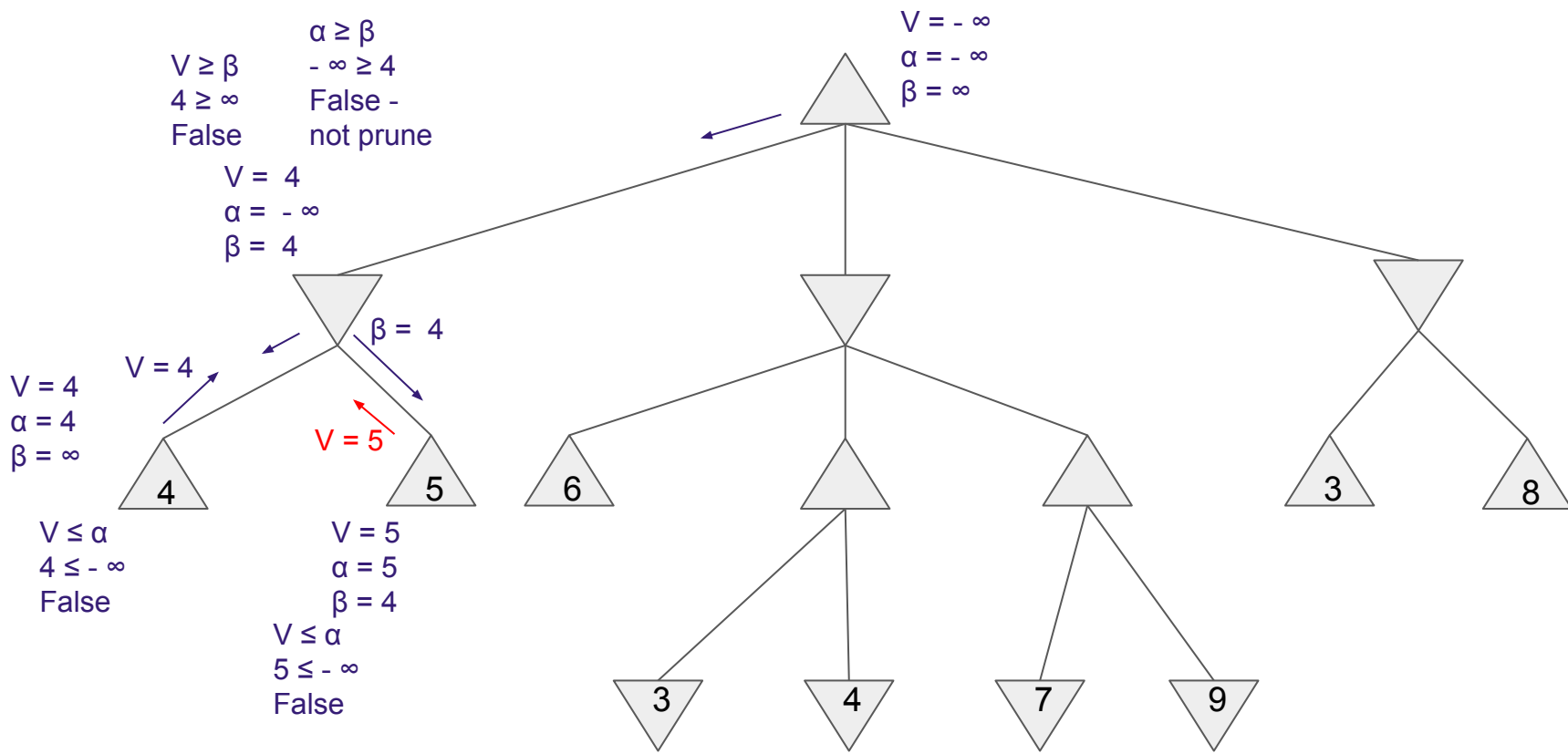
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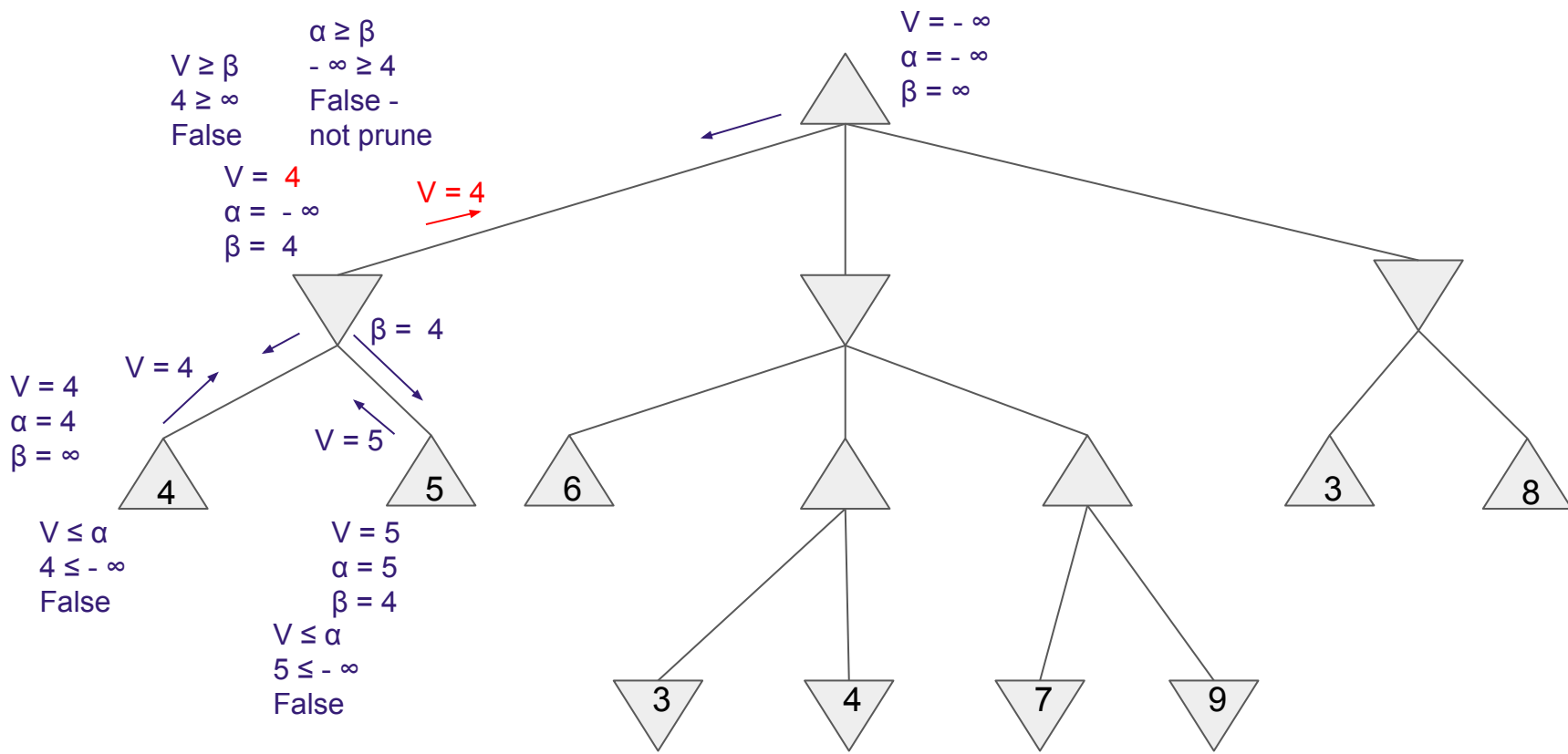
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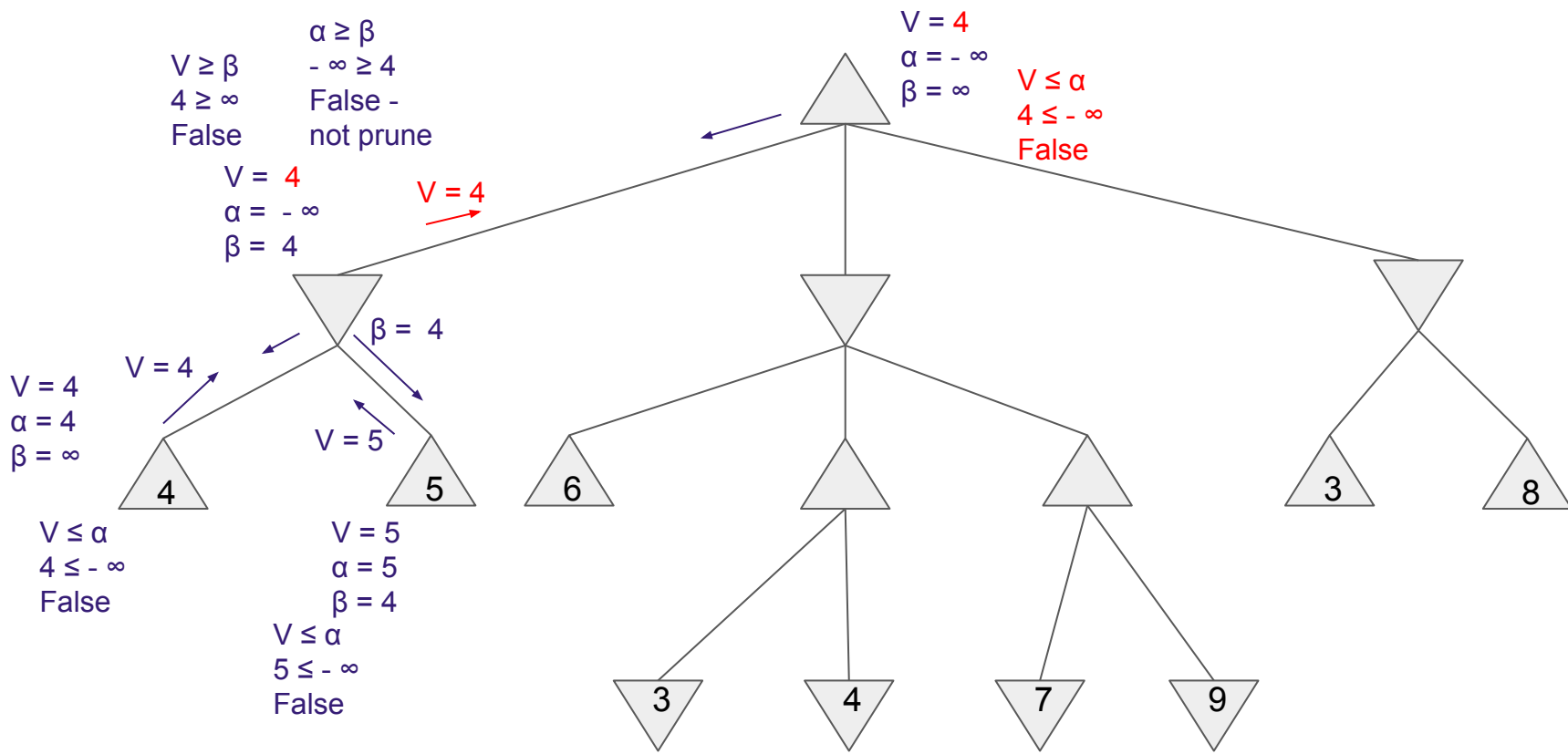
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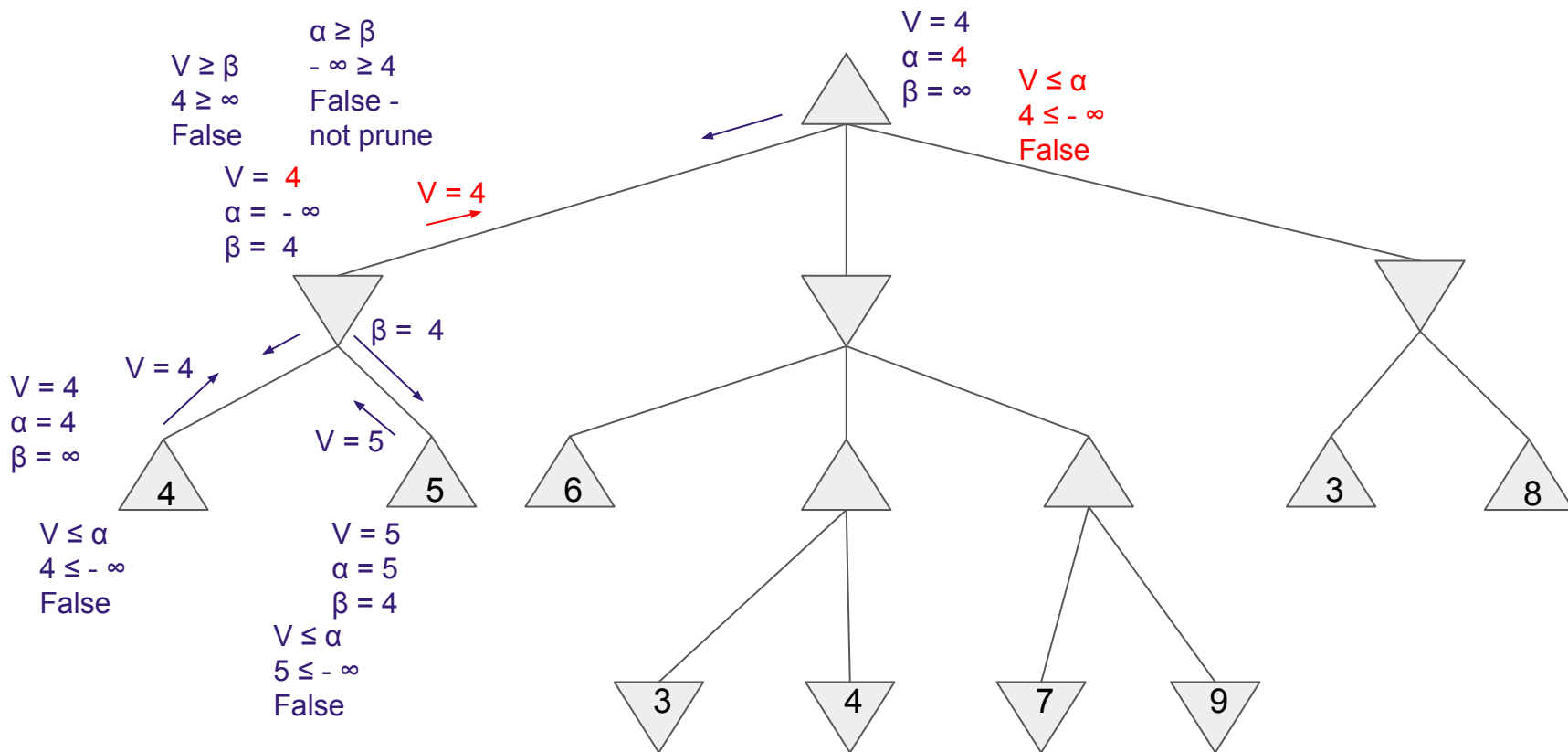
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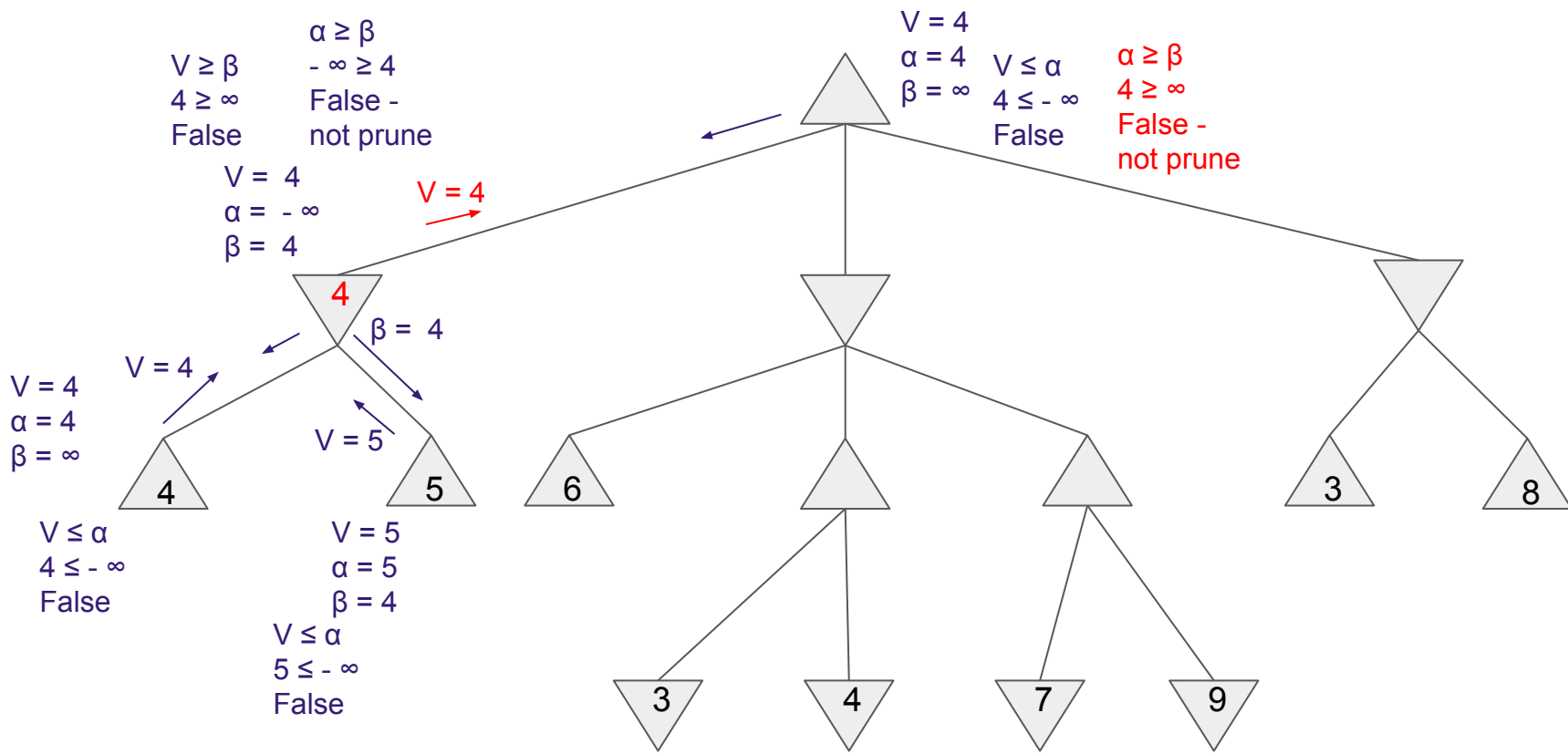
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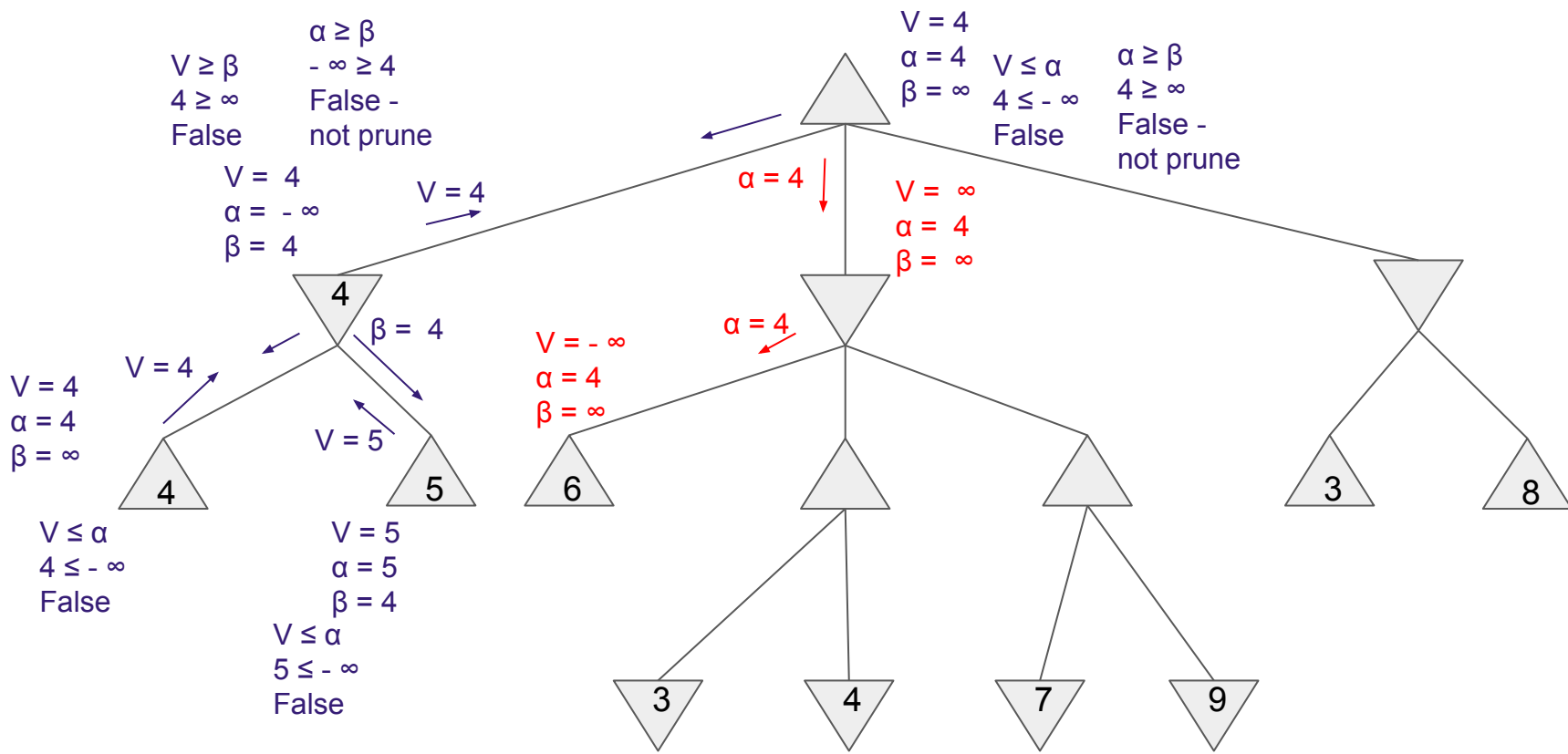
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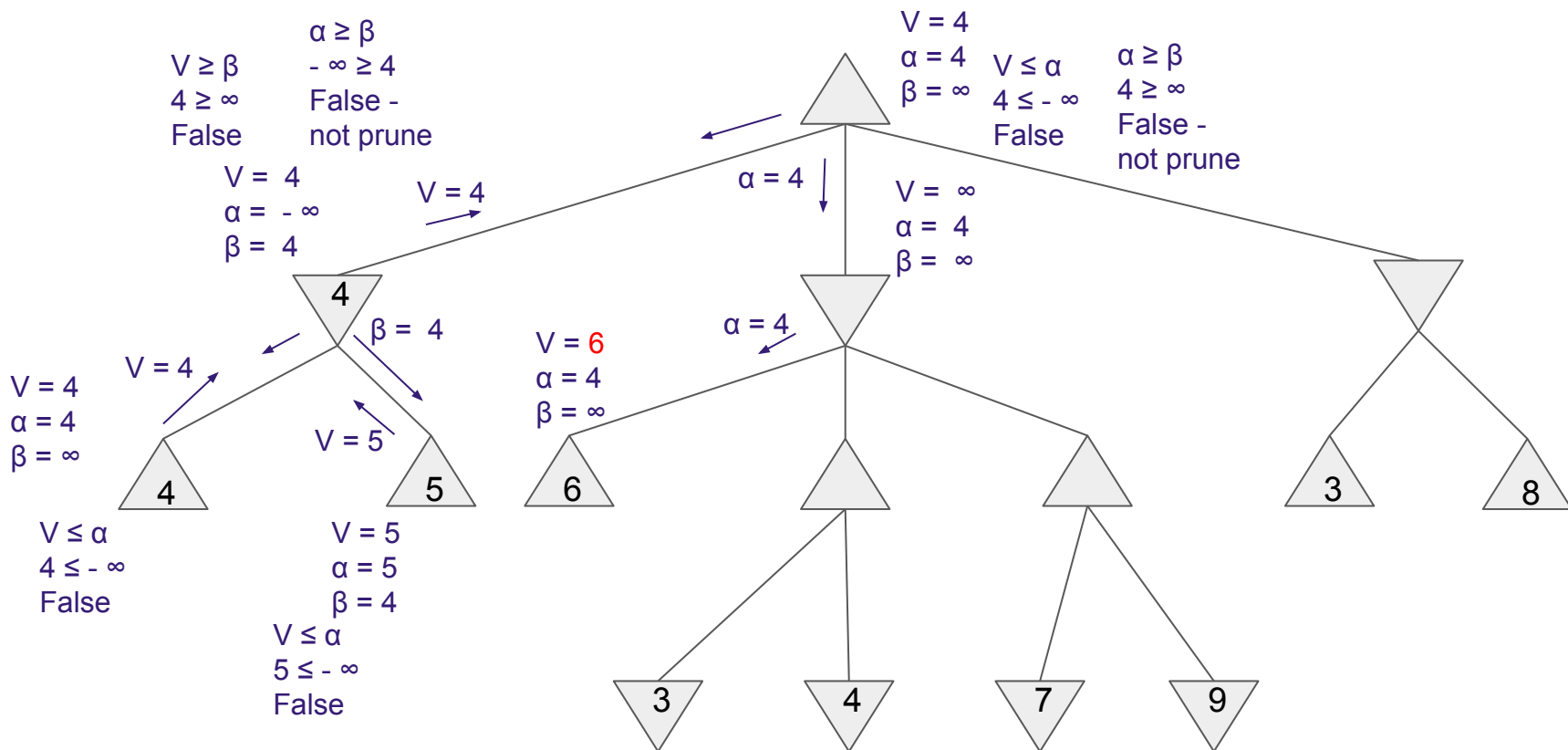
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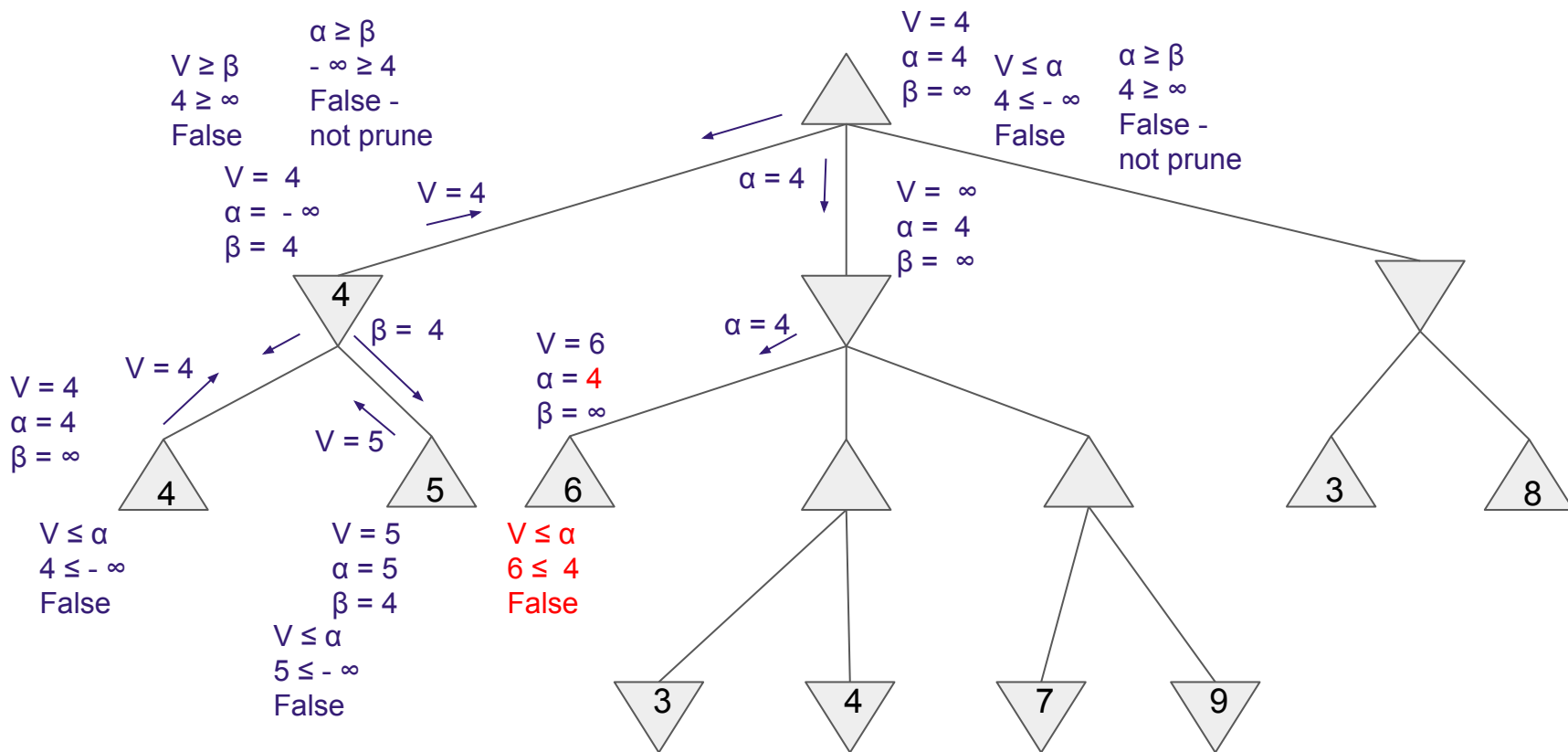
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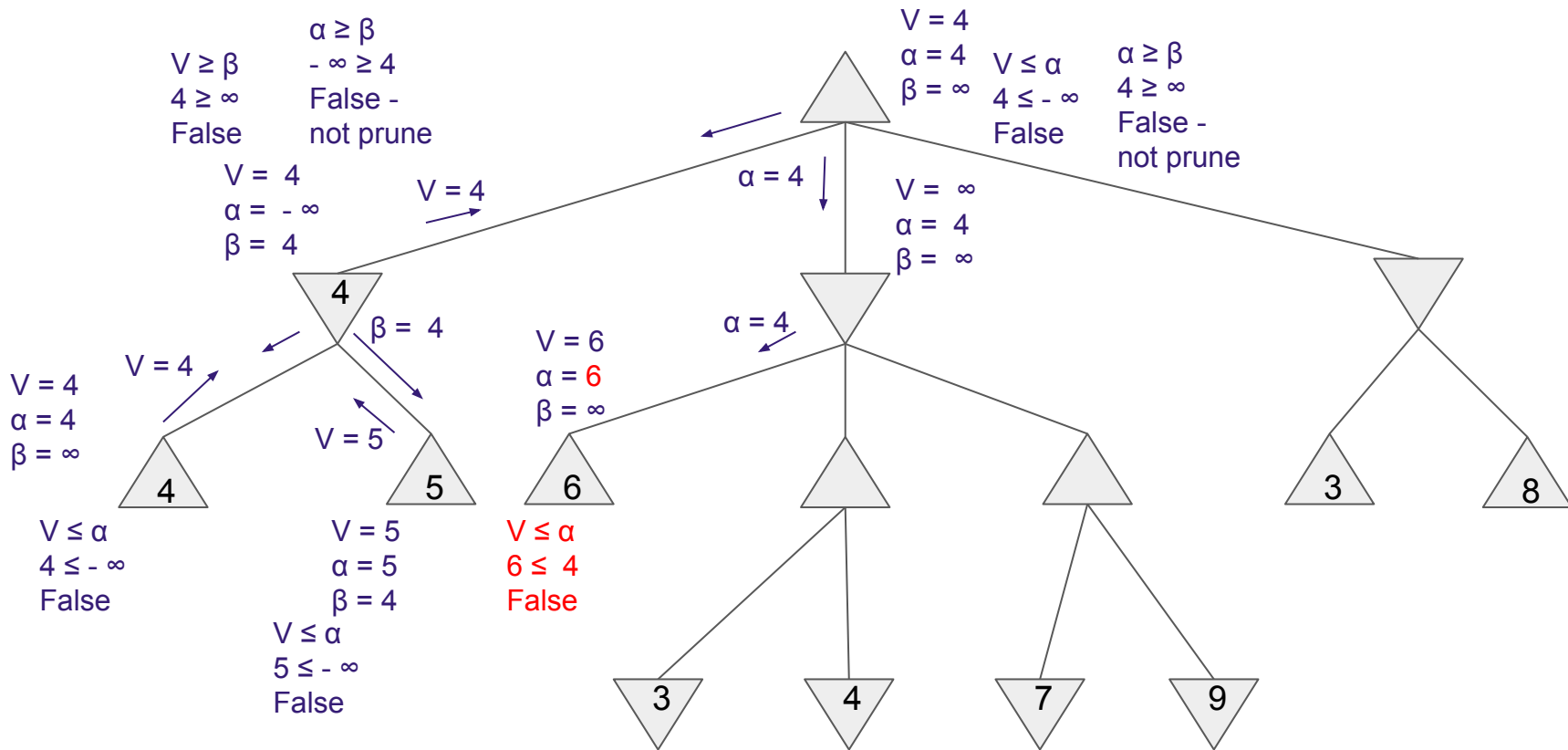
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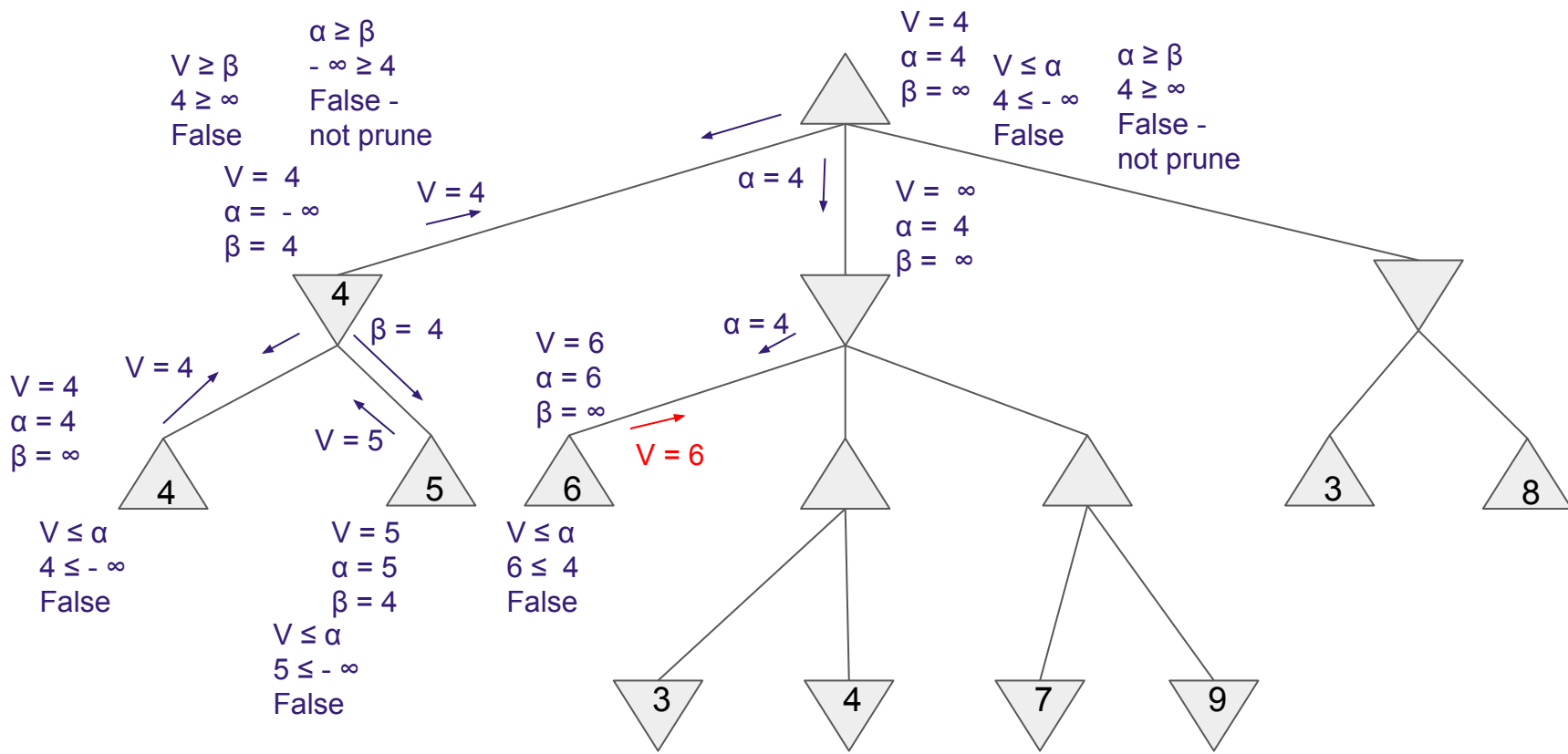
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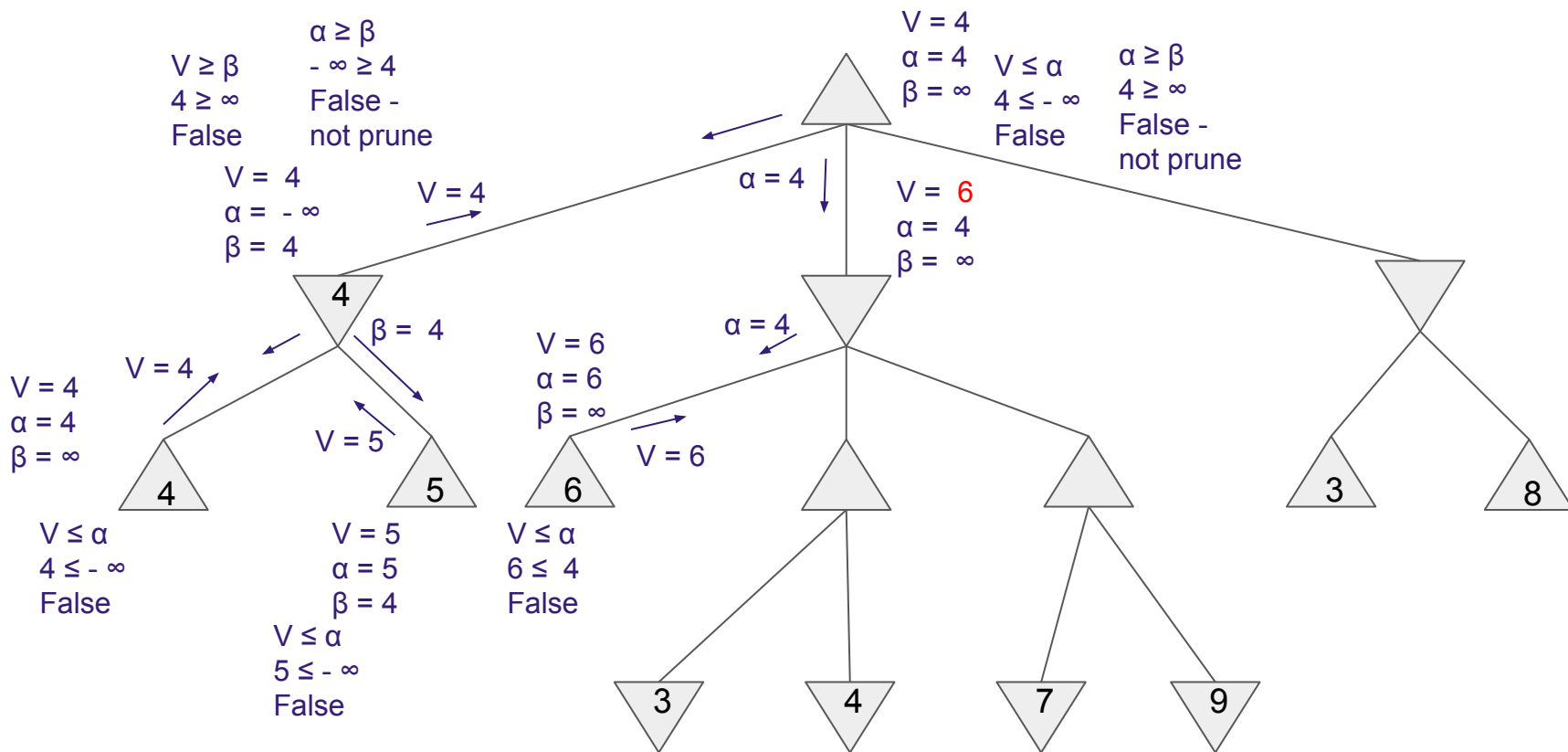
$\alpha \geq \beta$ **true** **prune** | MAX : $V \leq \alpha$ **false** change α to value V | MIN : $V \geq \beta$ **false** change β to value V



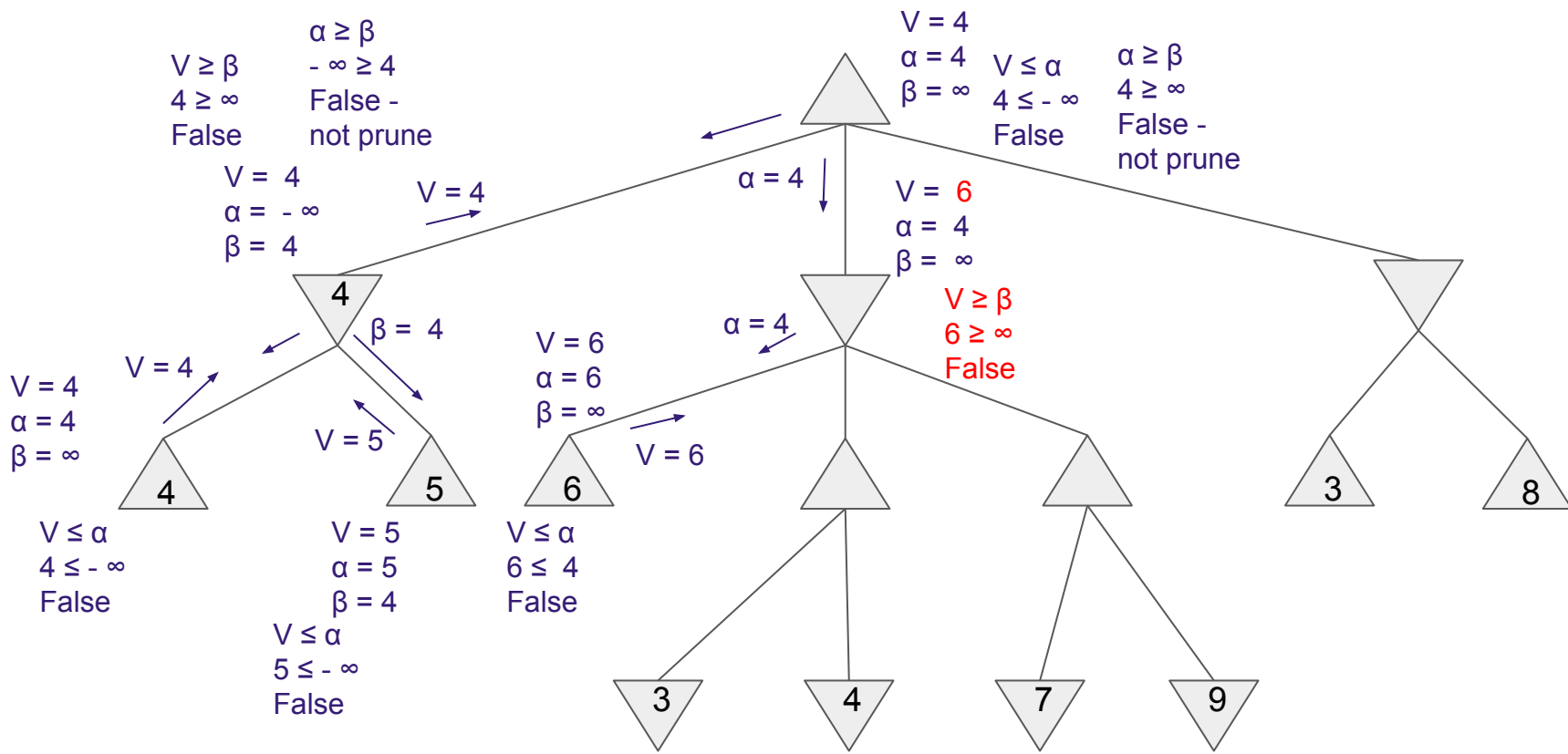
$\alpha \geq \beta$ **true prune** | MAX : $V \leq \alpha$ false change α to value V | MIN : $V \geq \beta$ false change β to value V



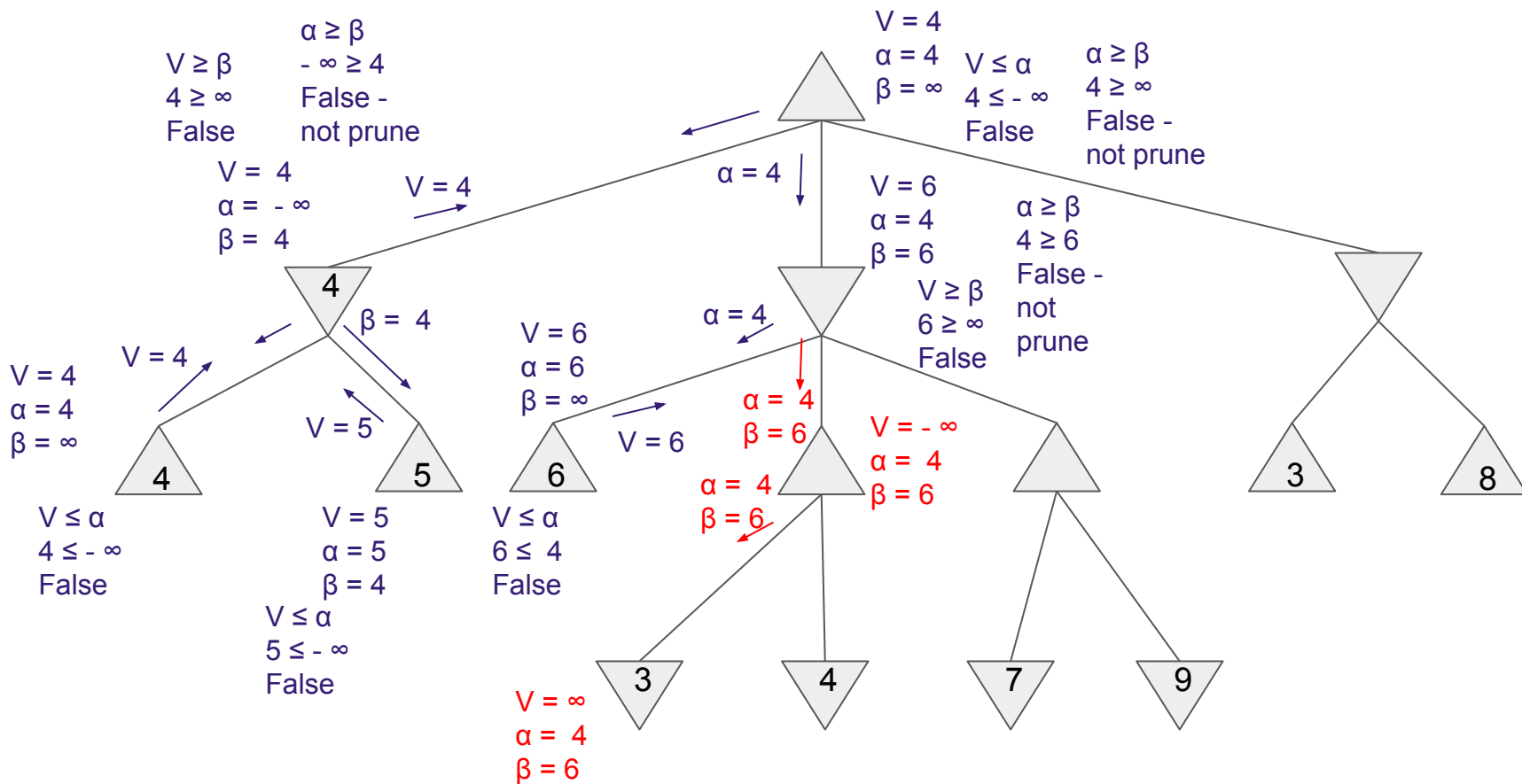
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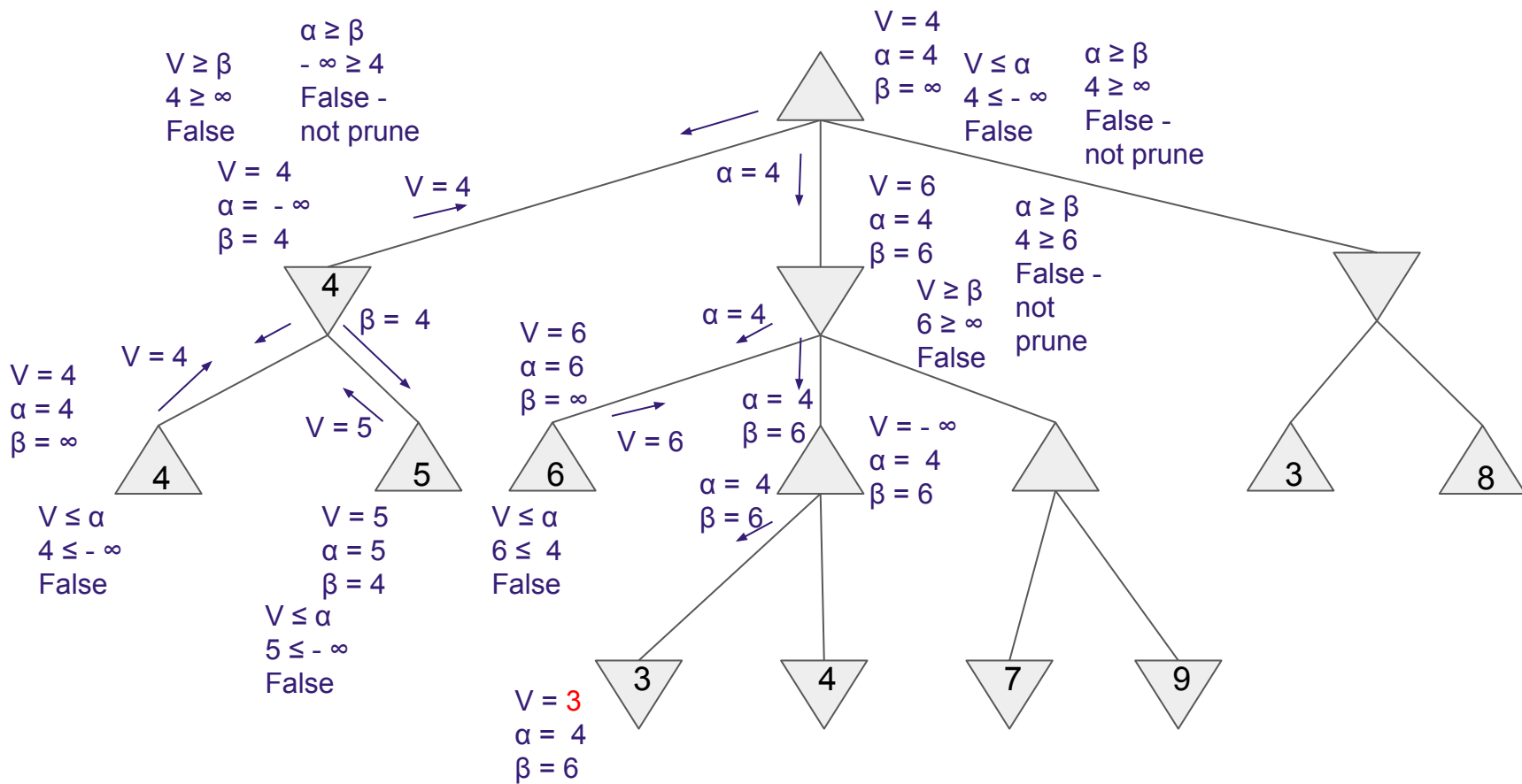
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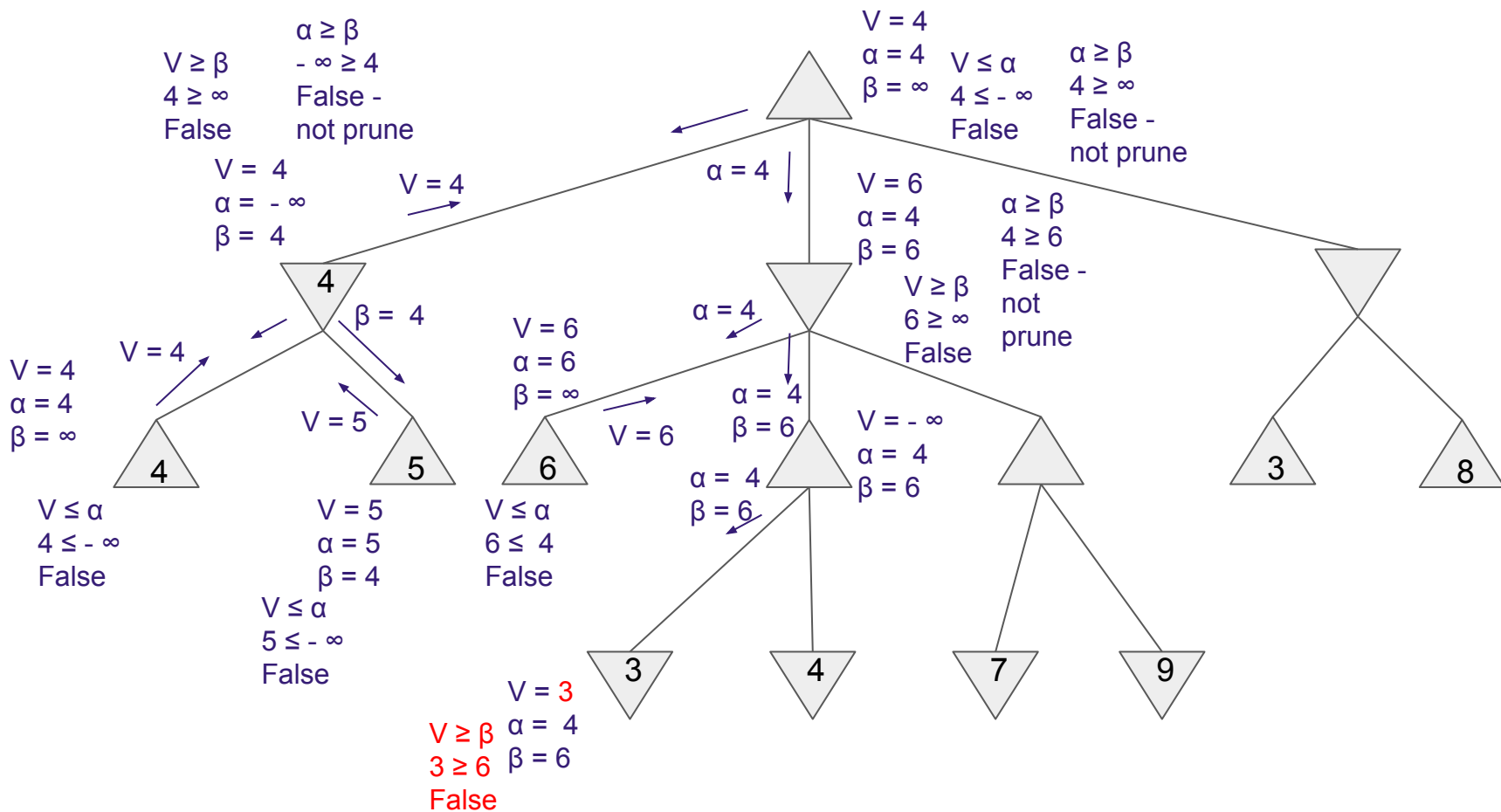
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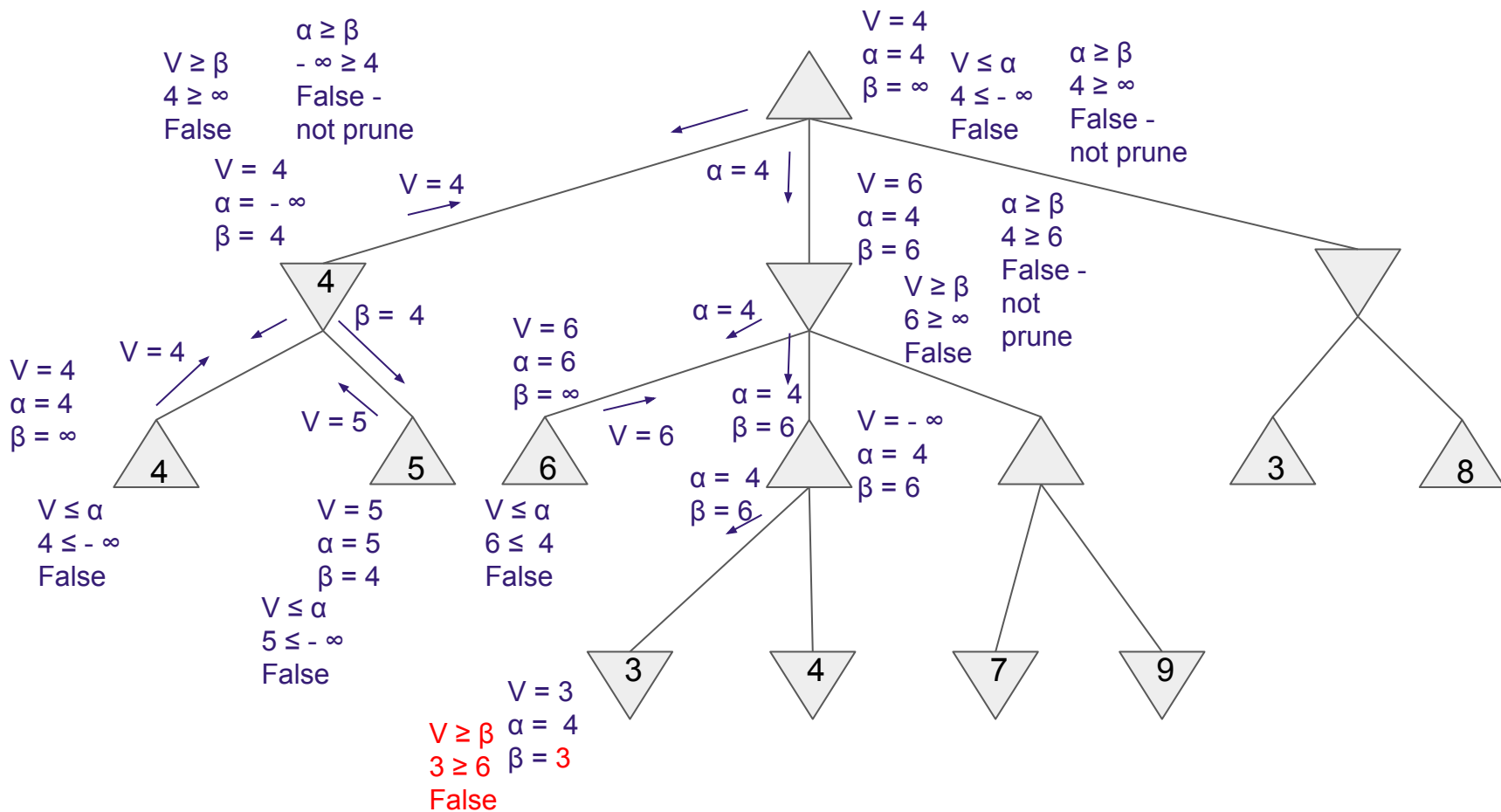
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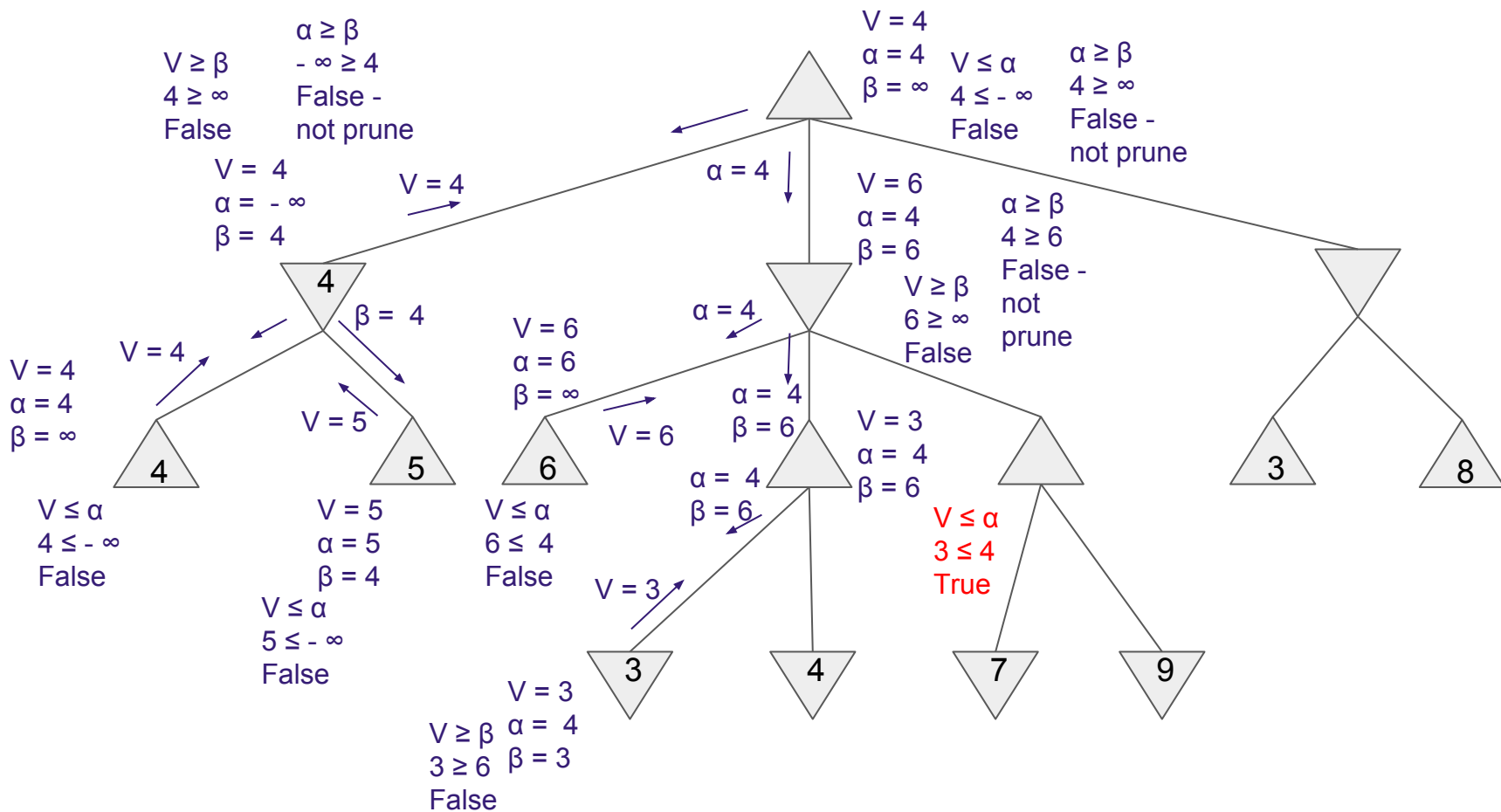
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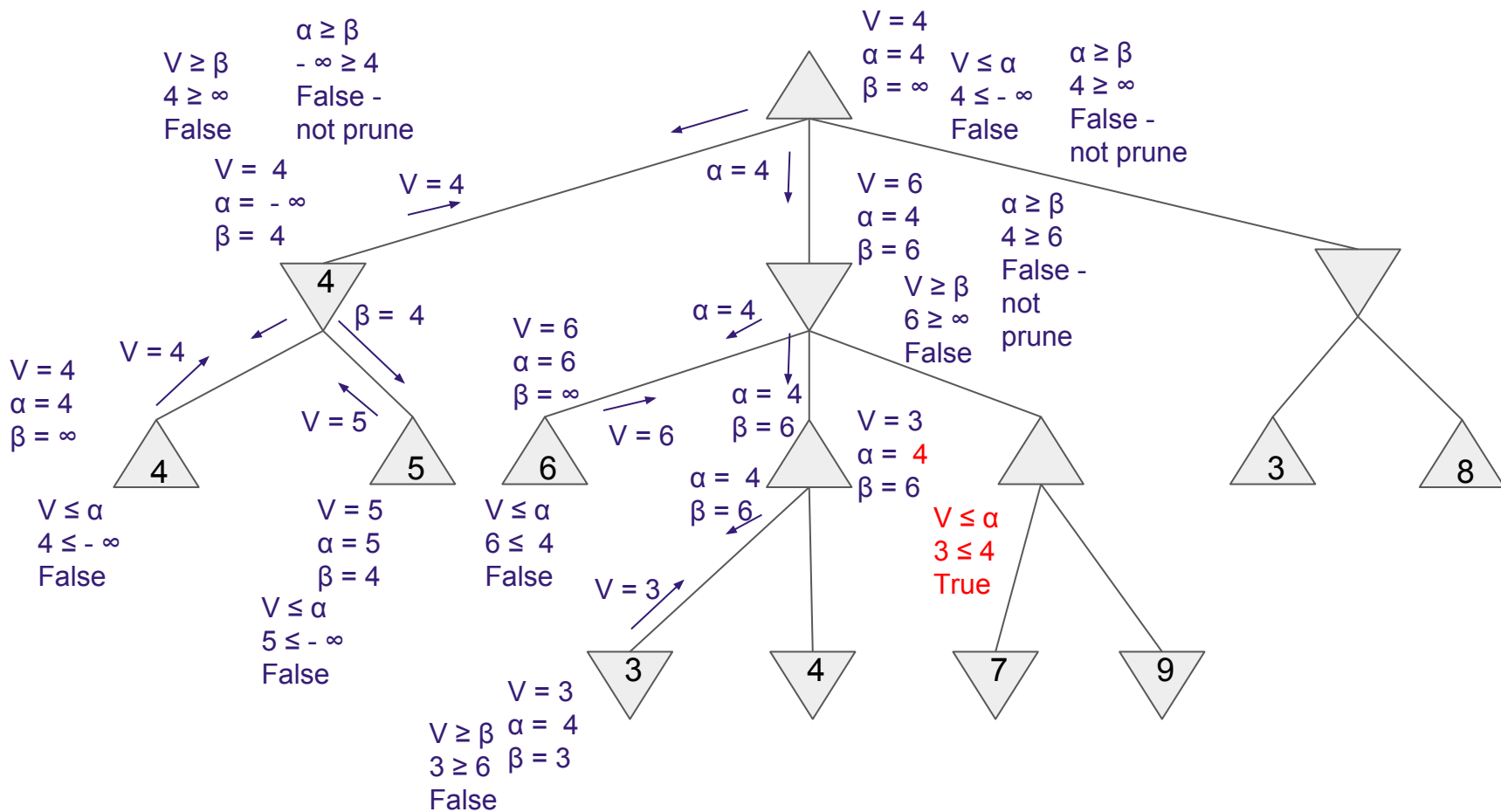
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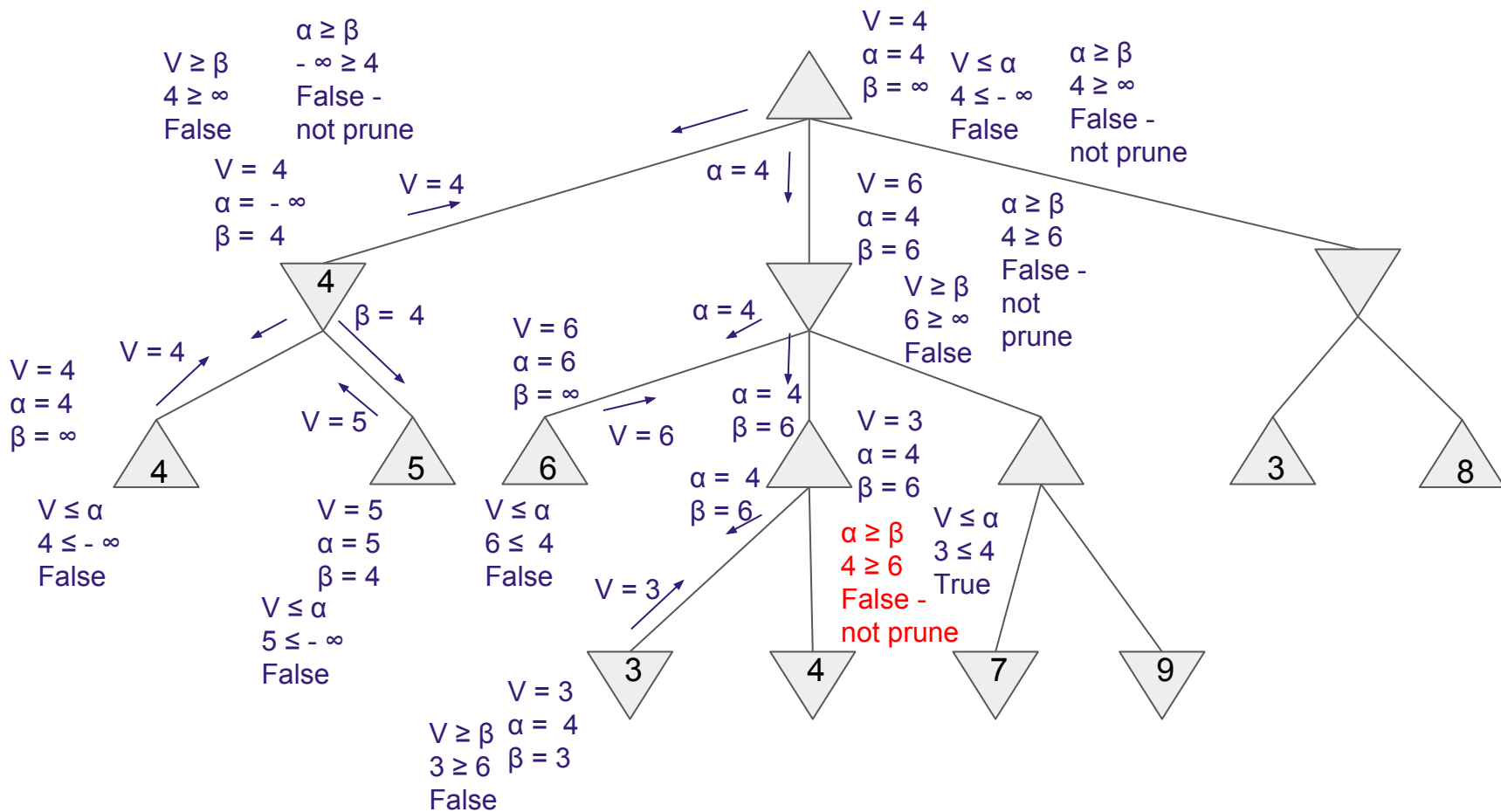
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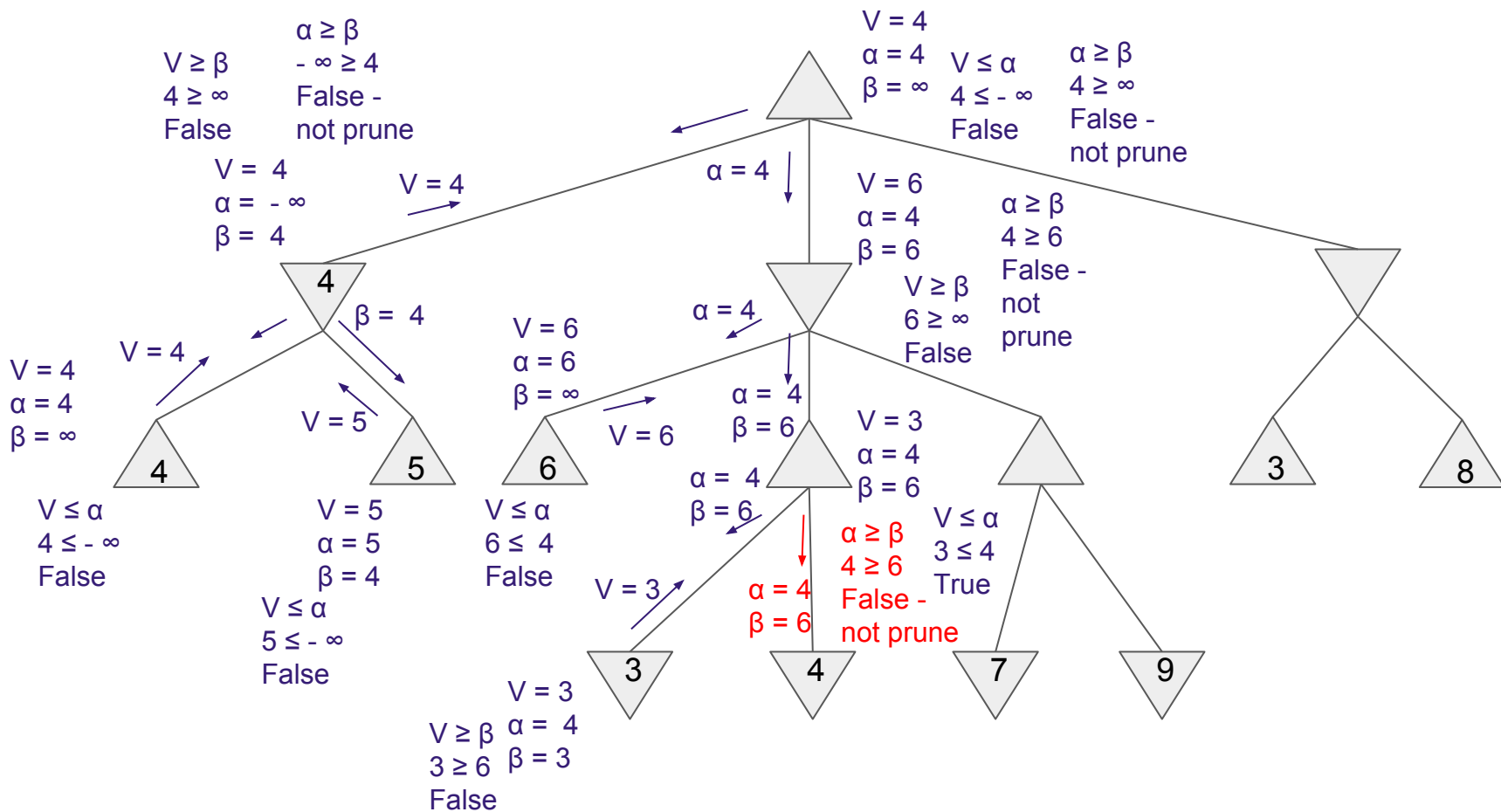
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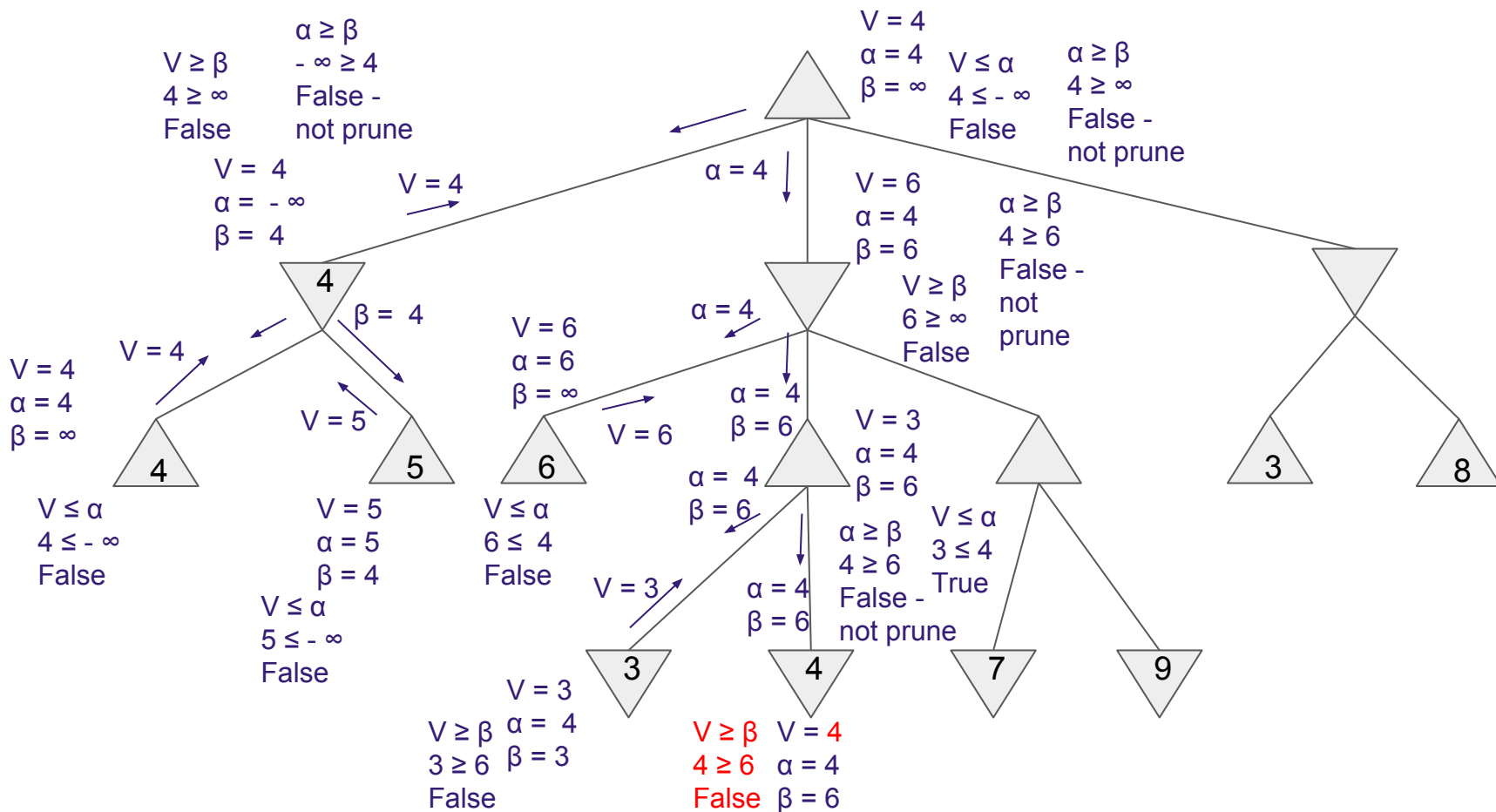
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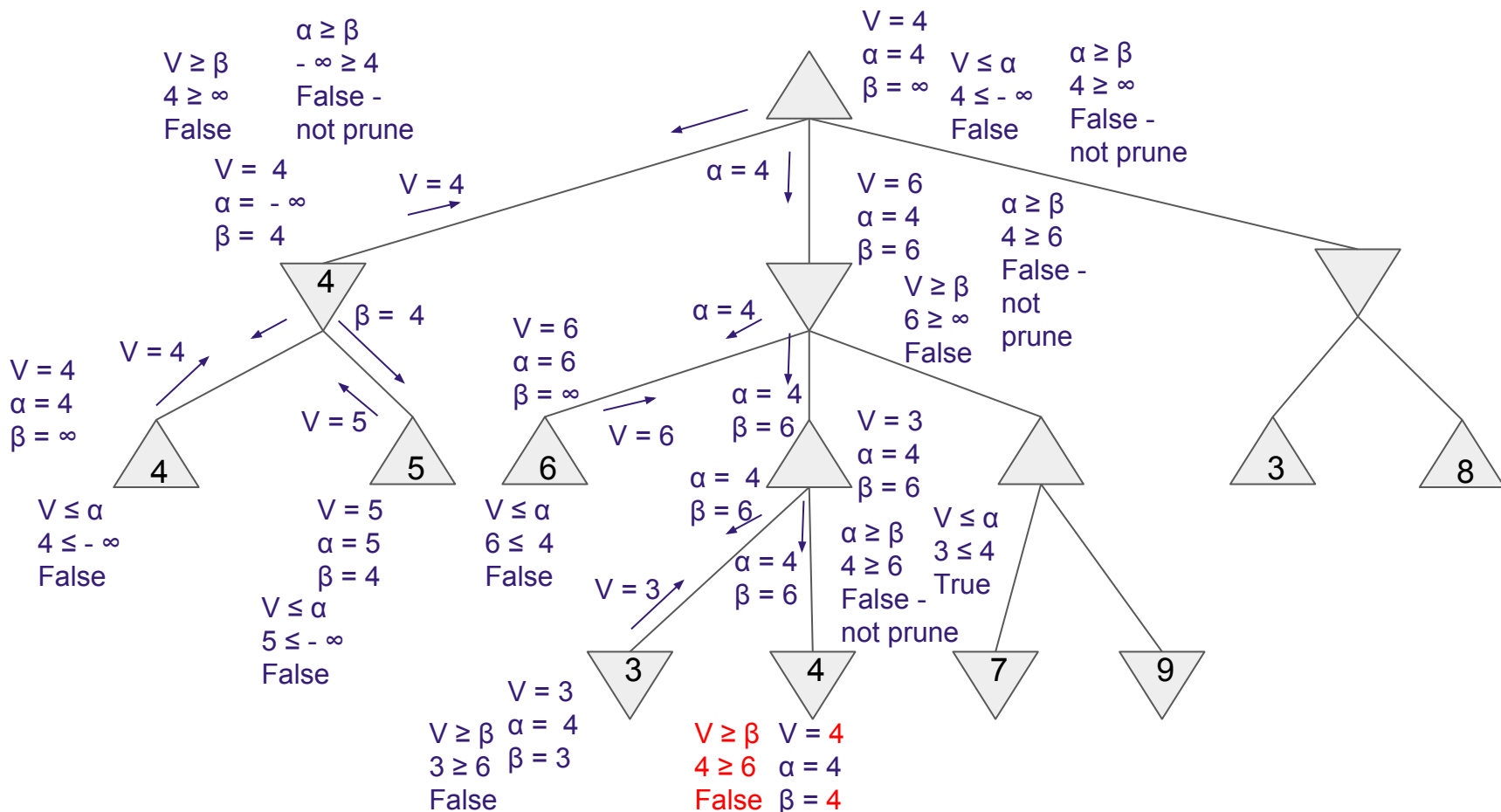
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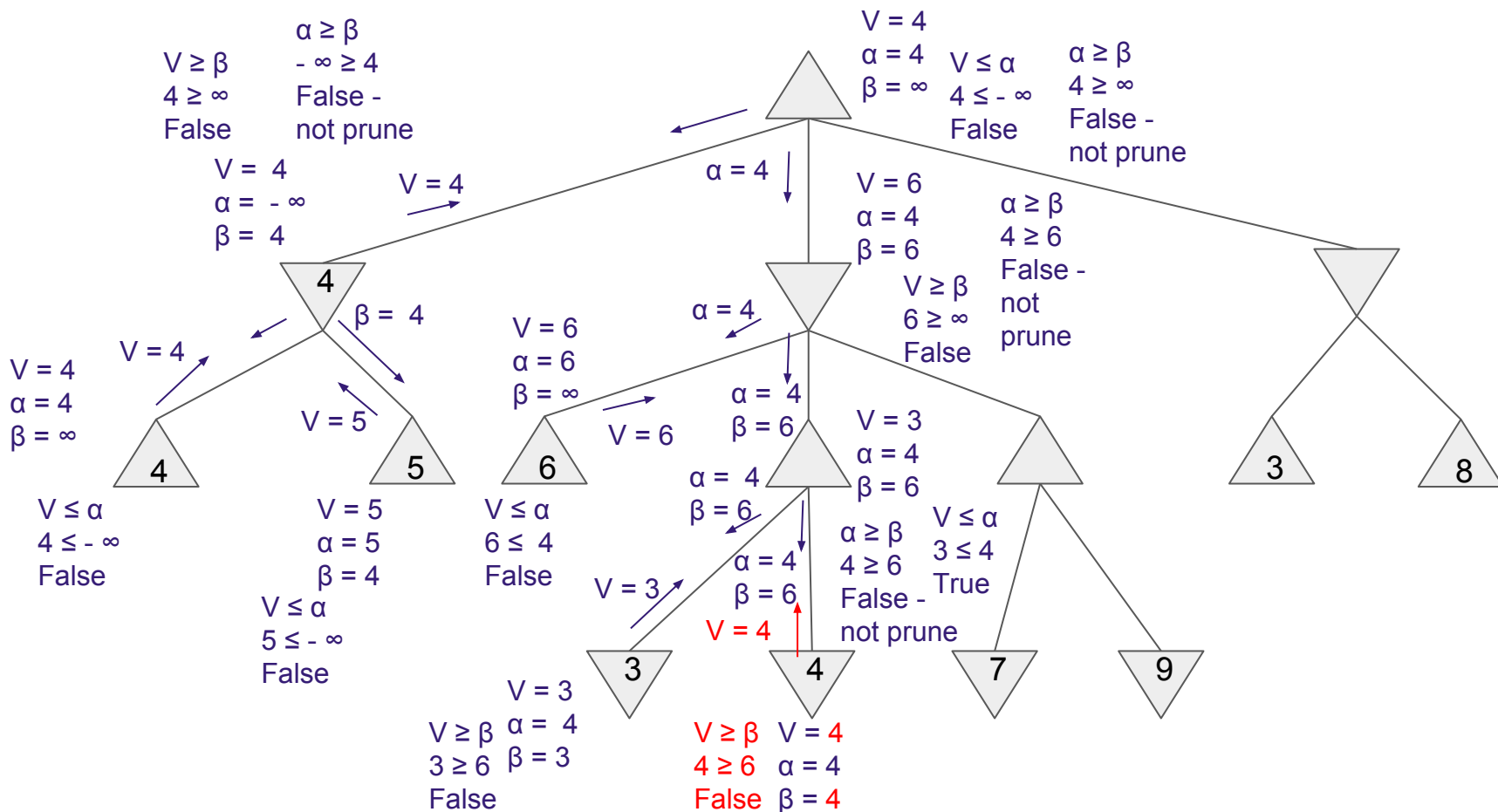
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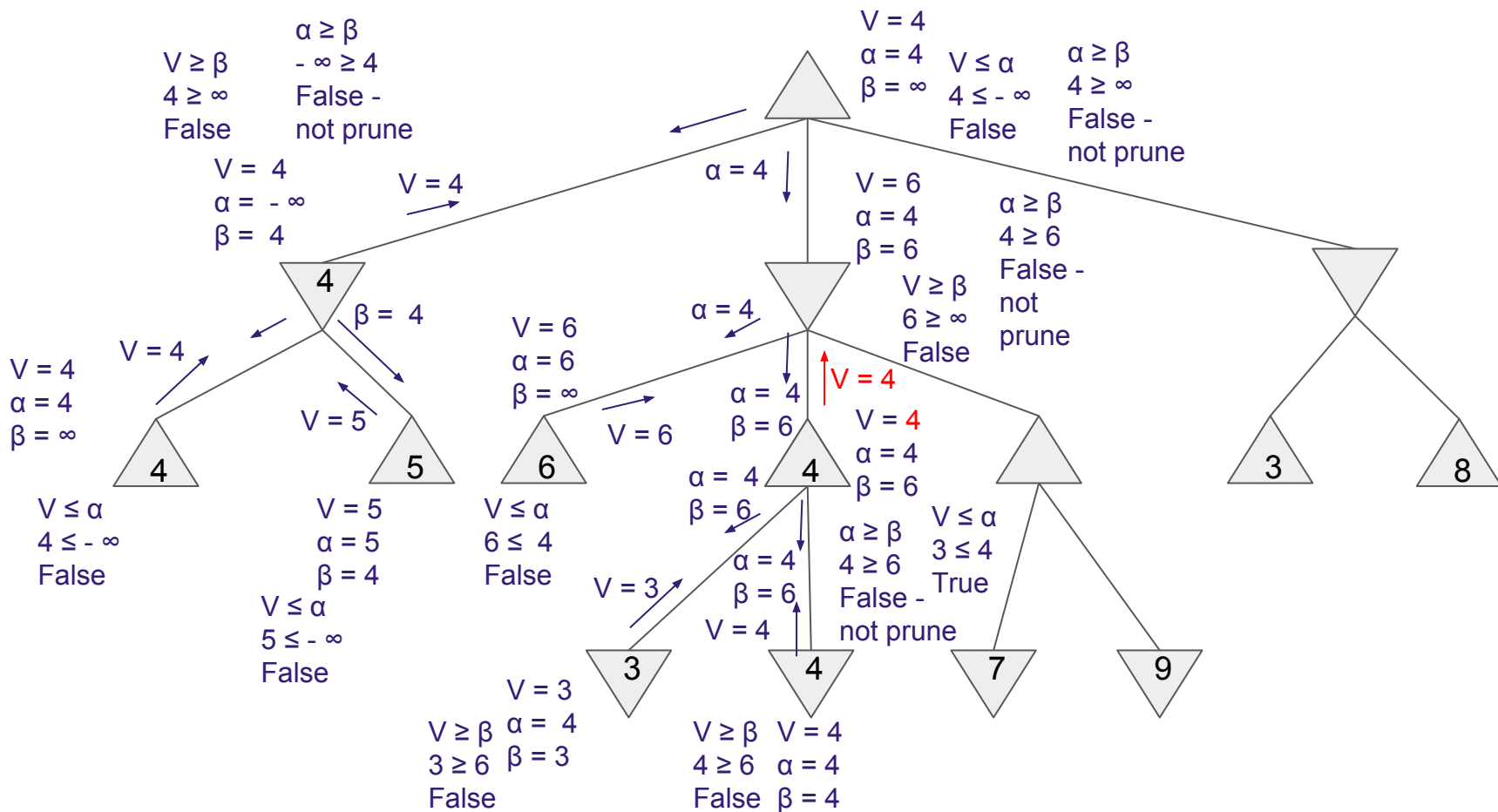
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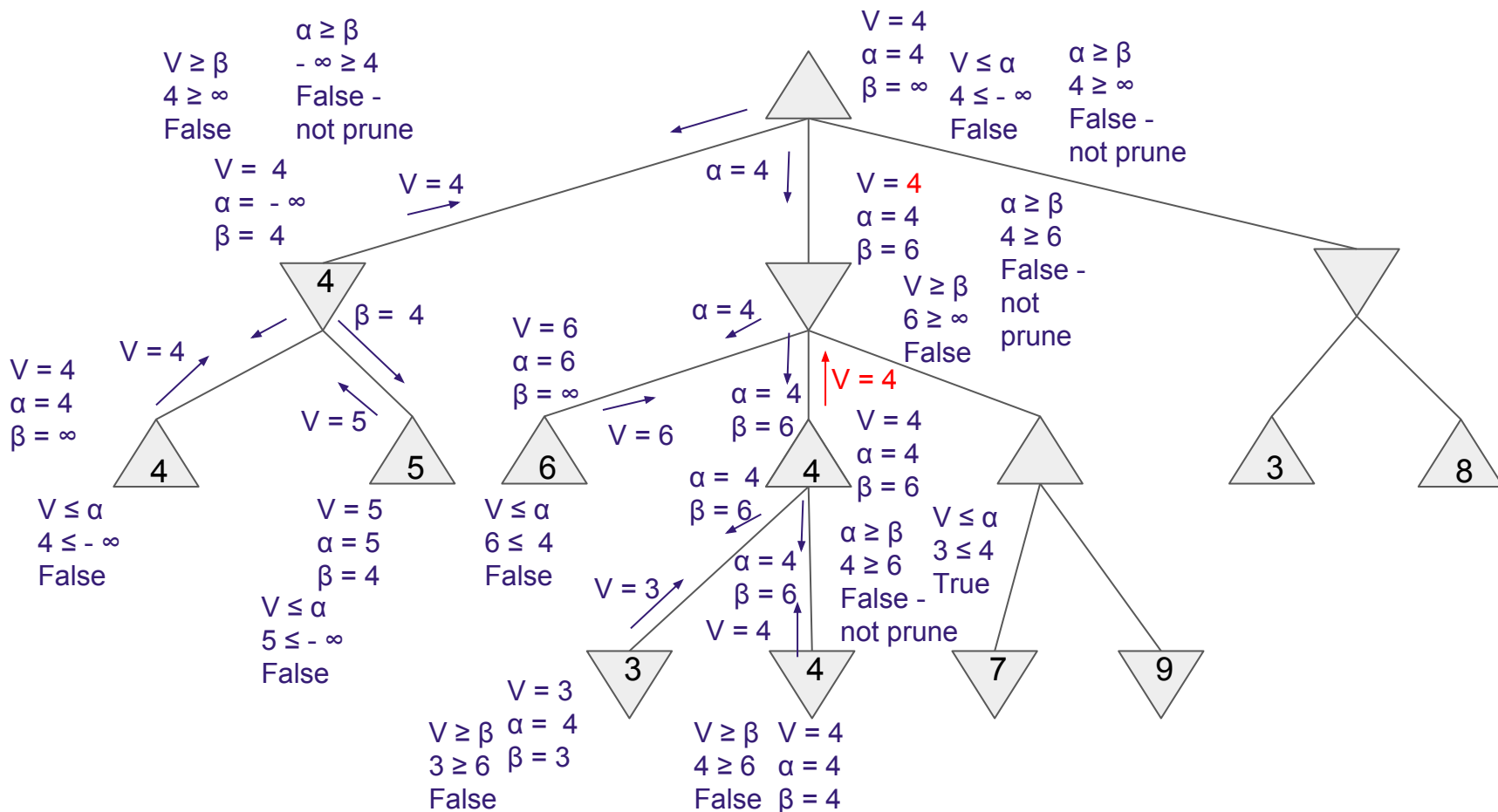
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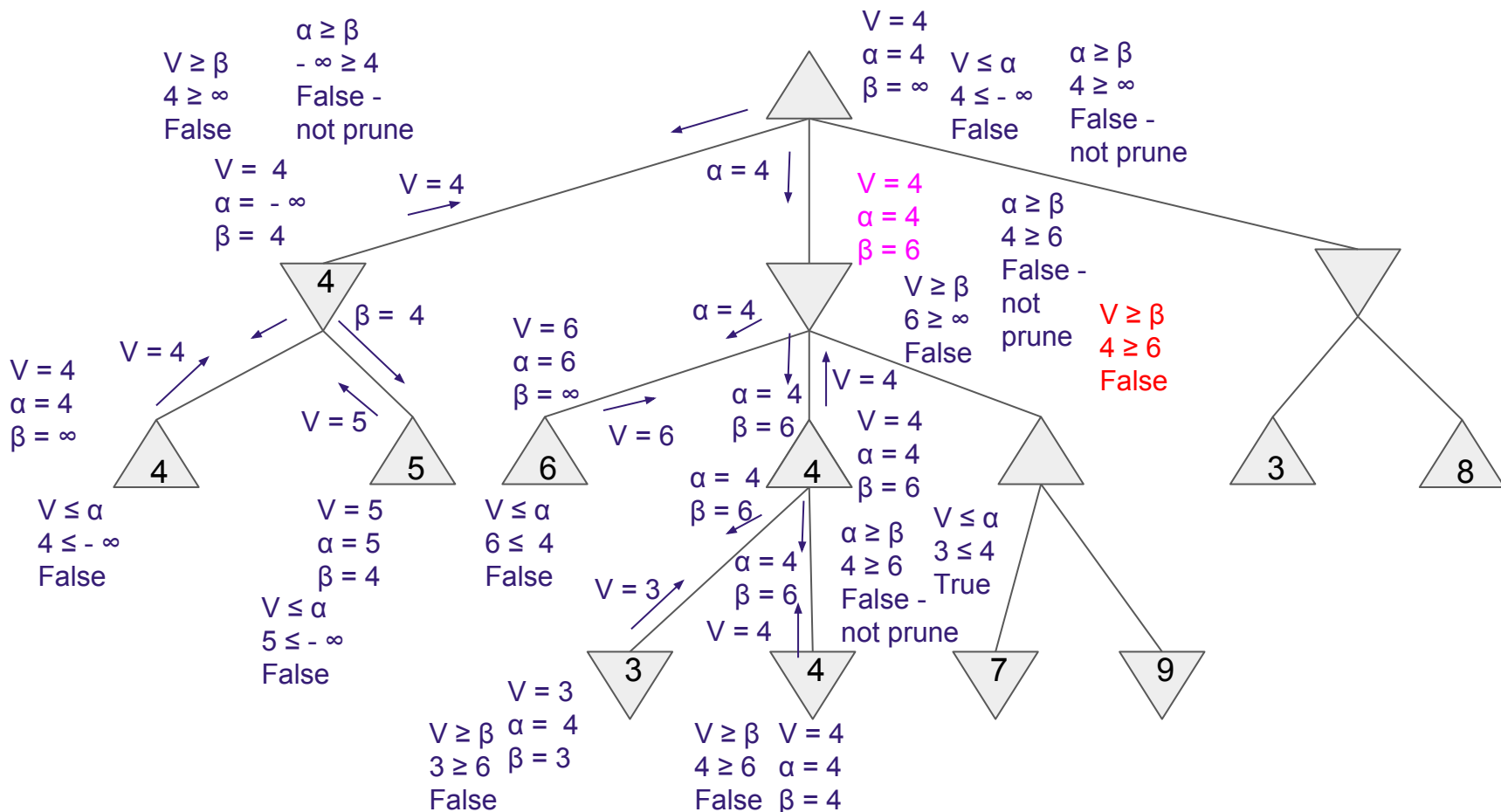
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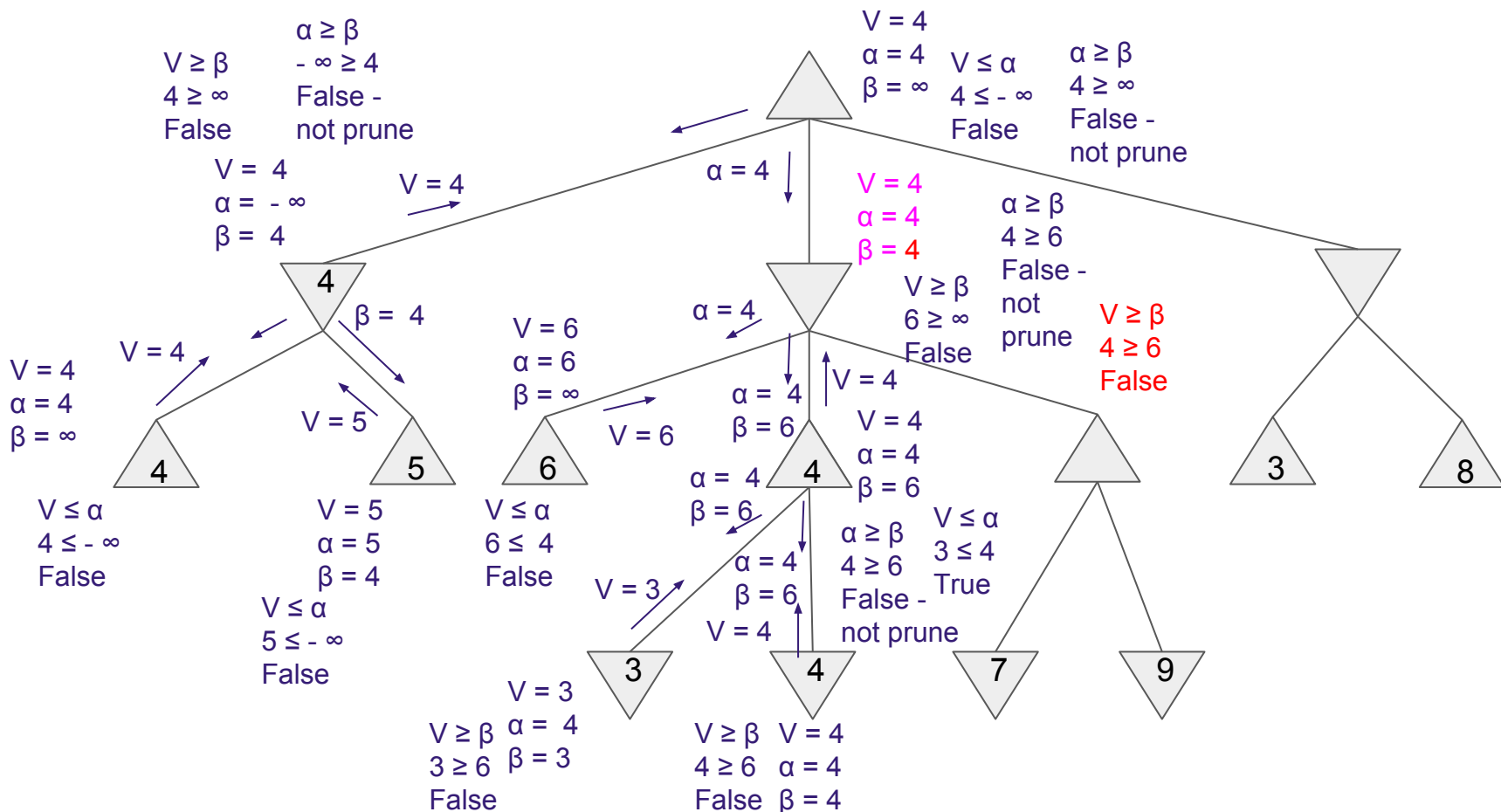
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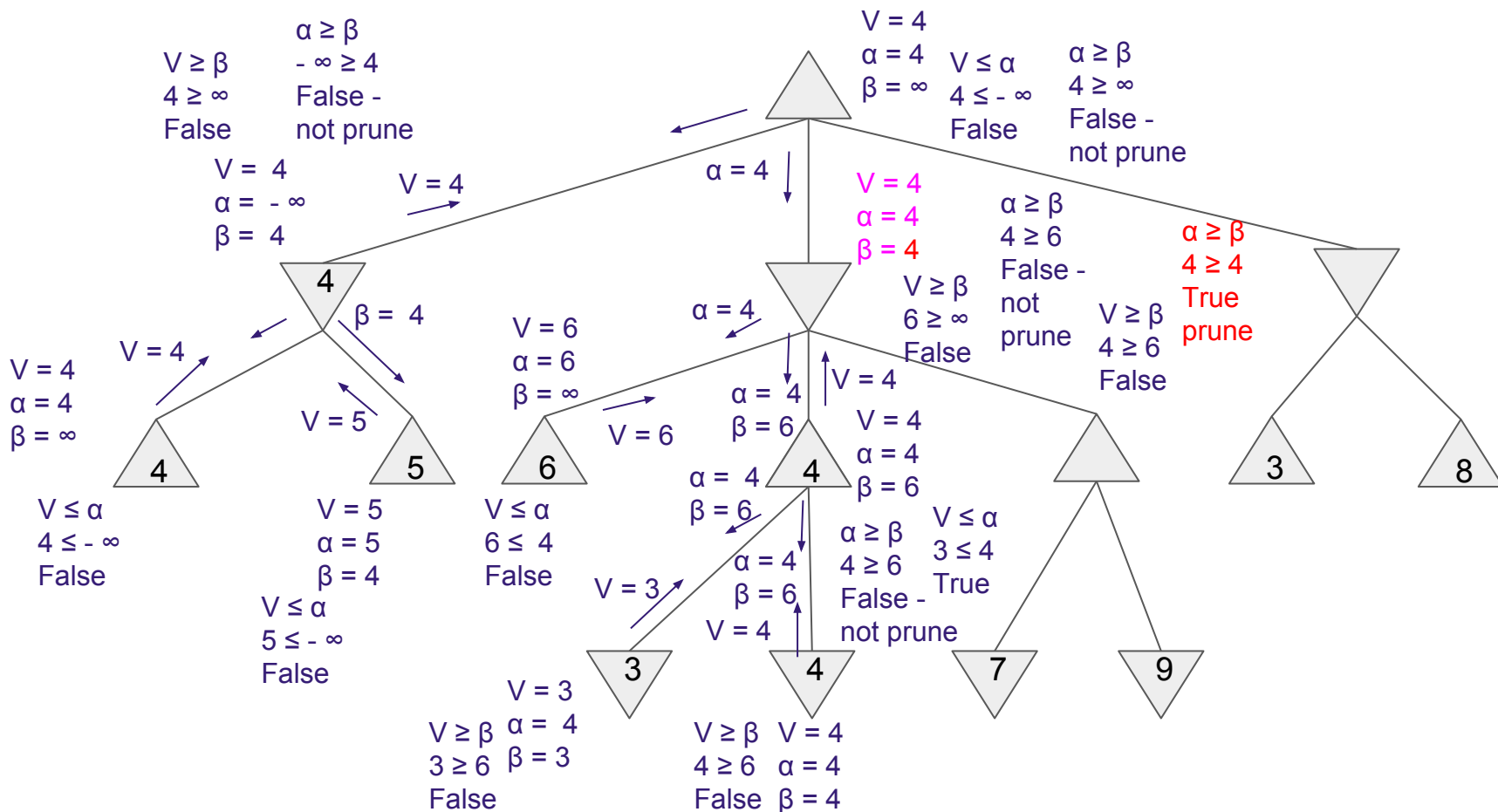
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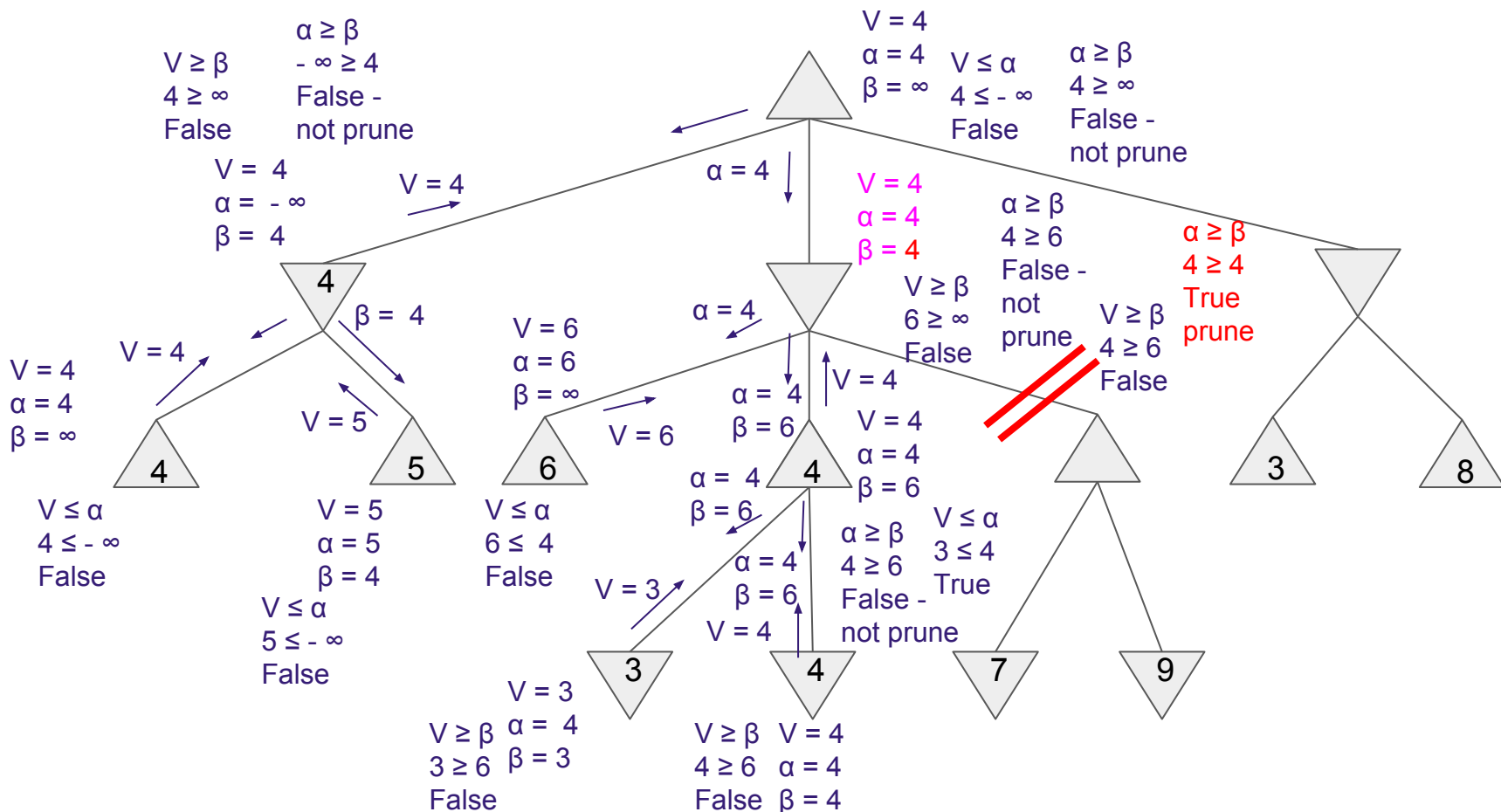
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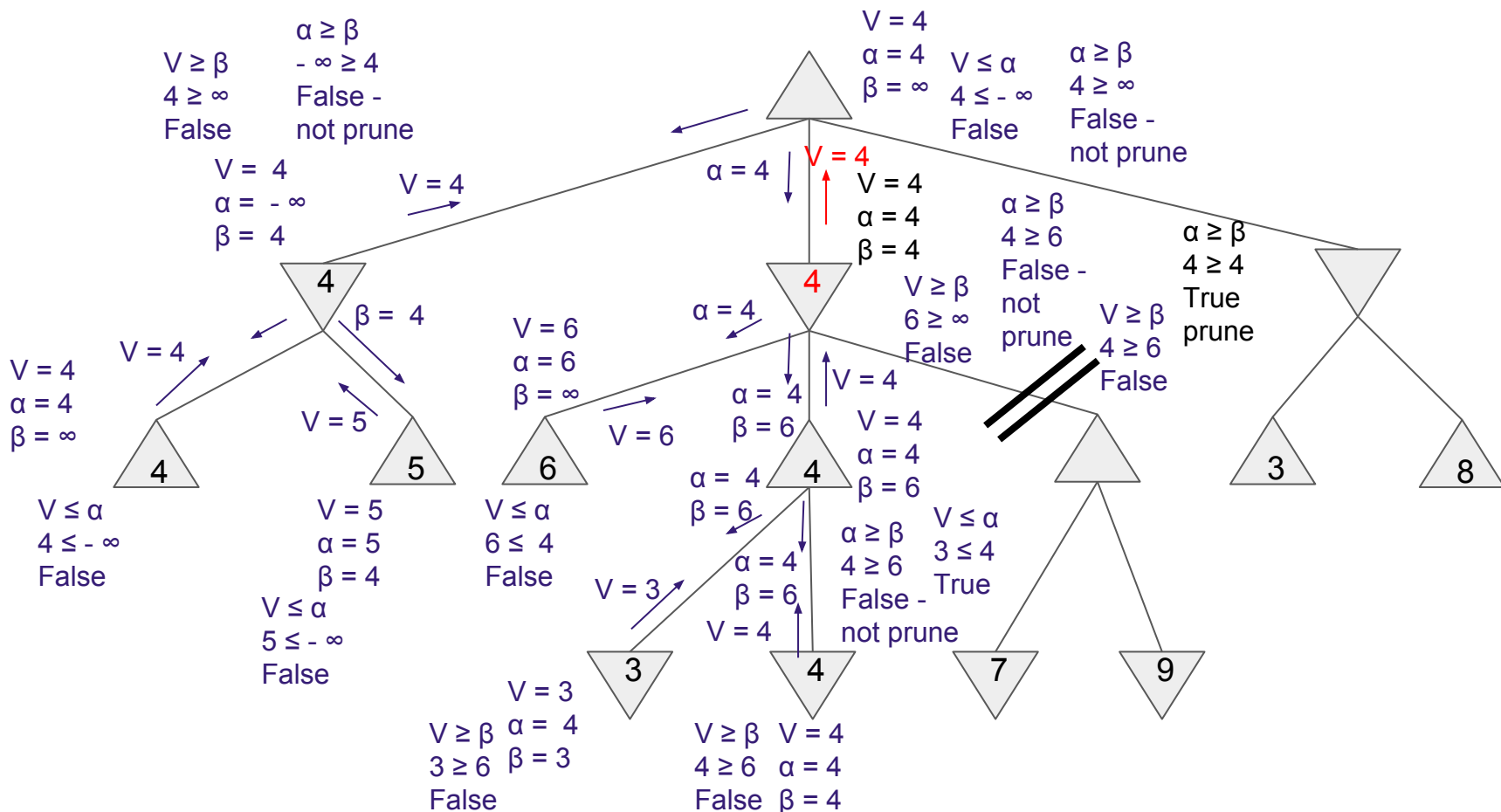
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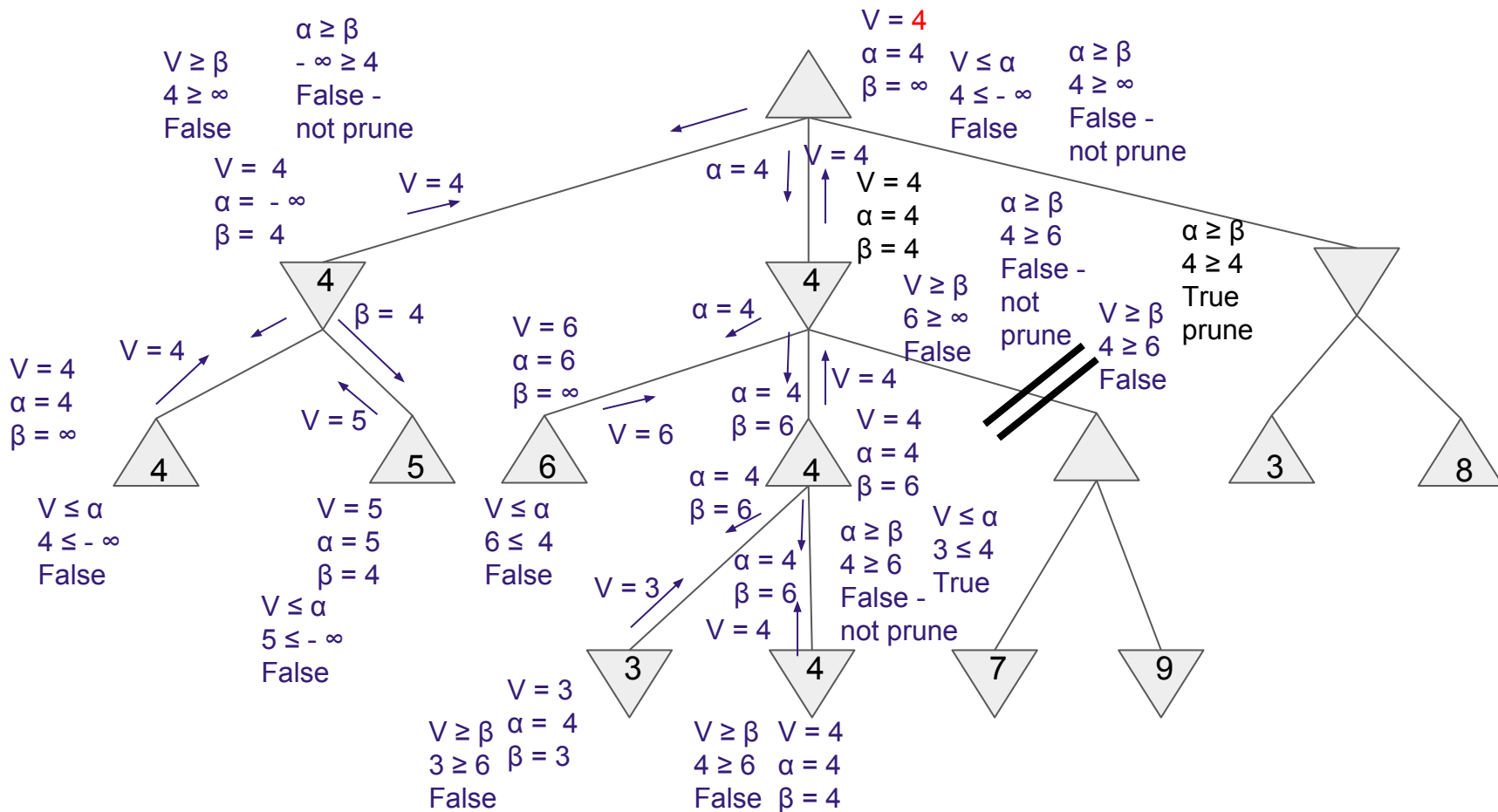
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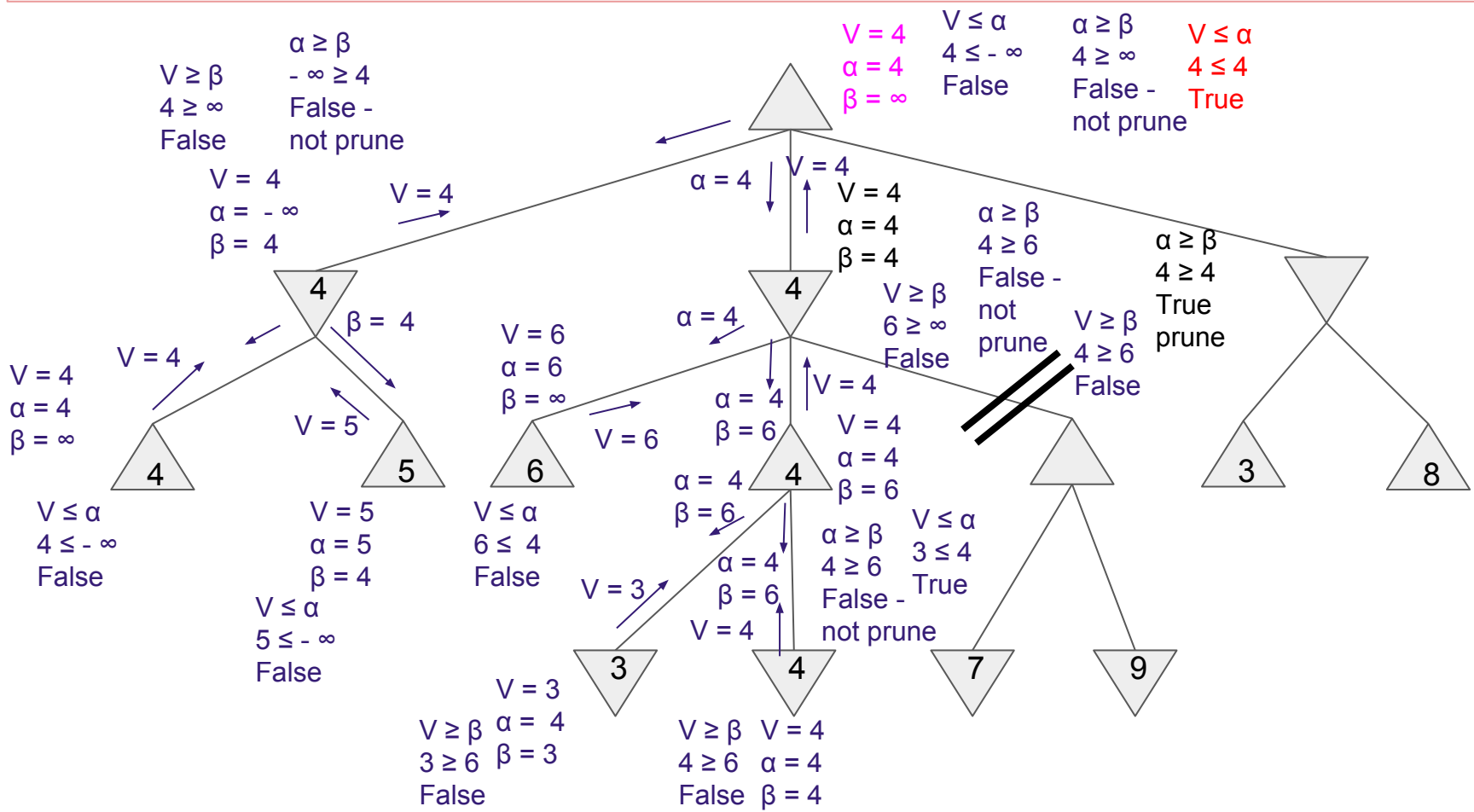
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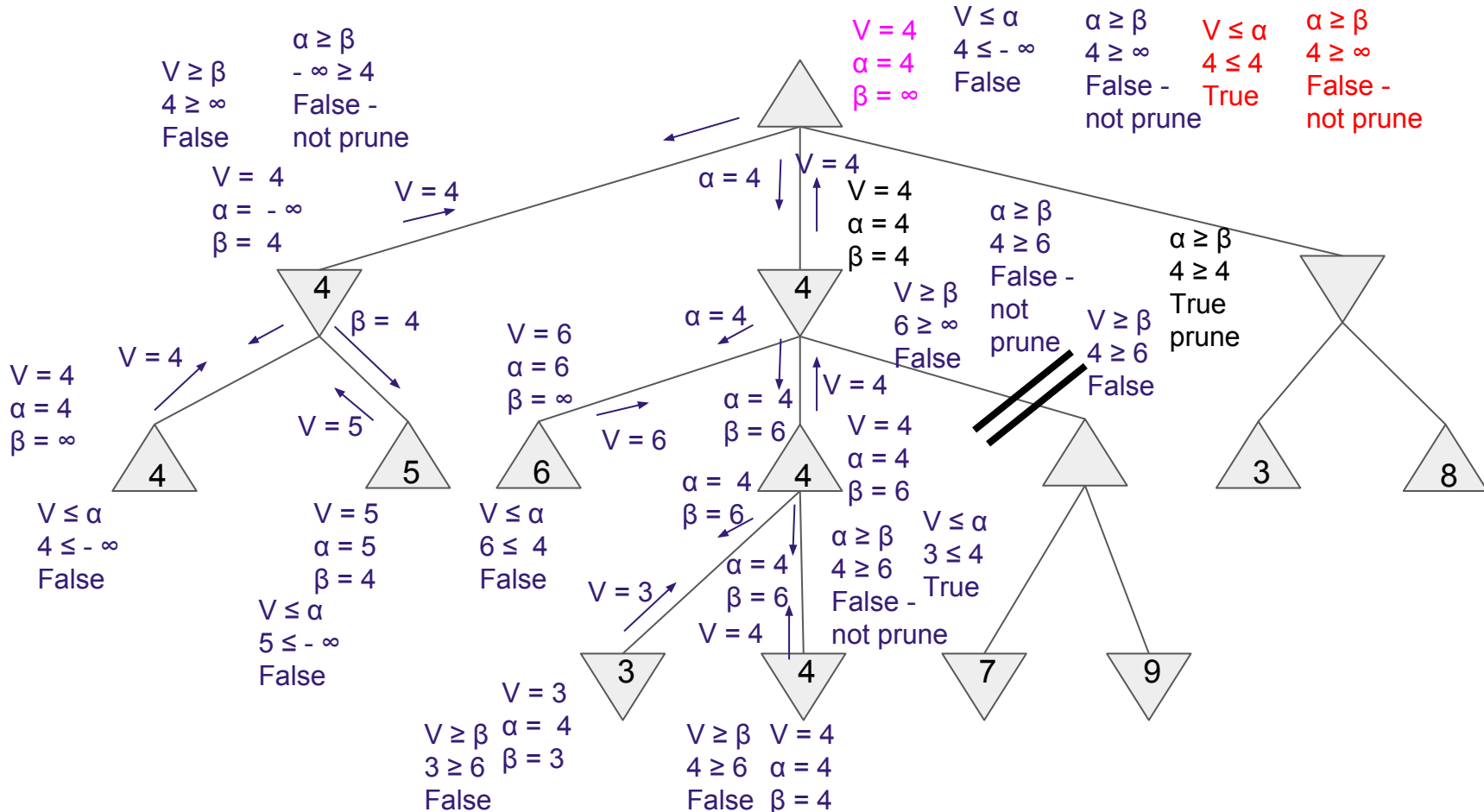
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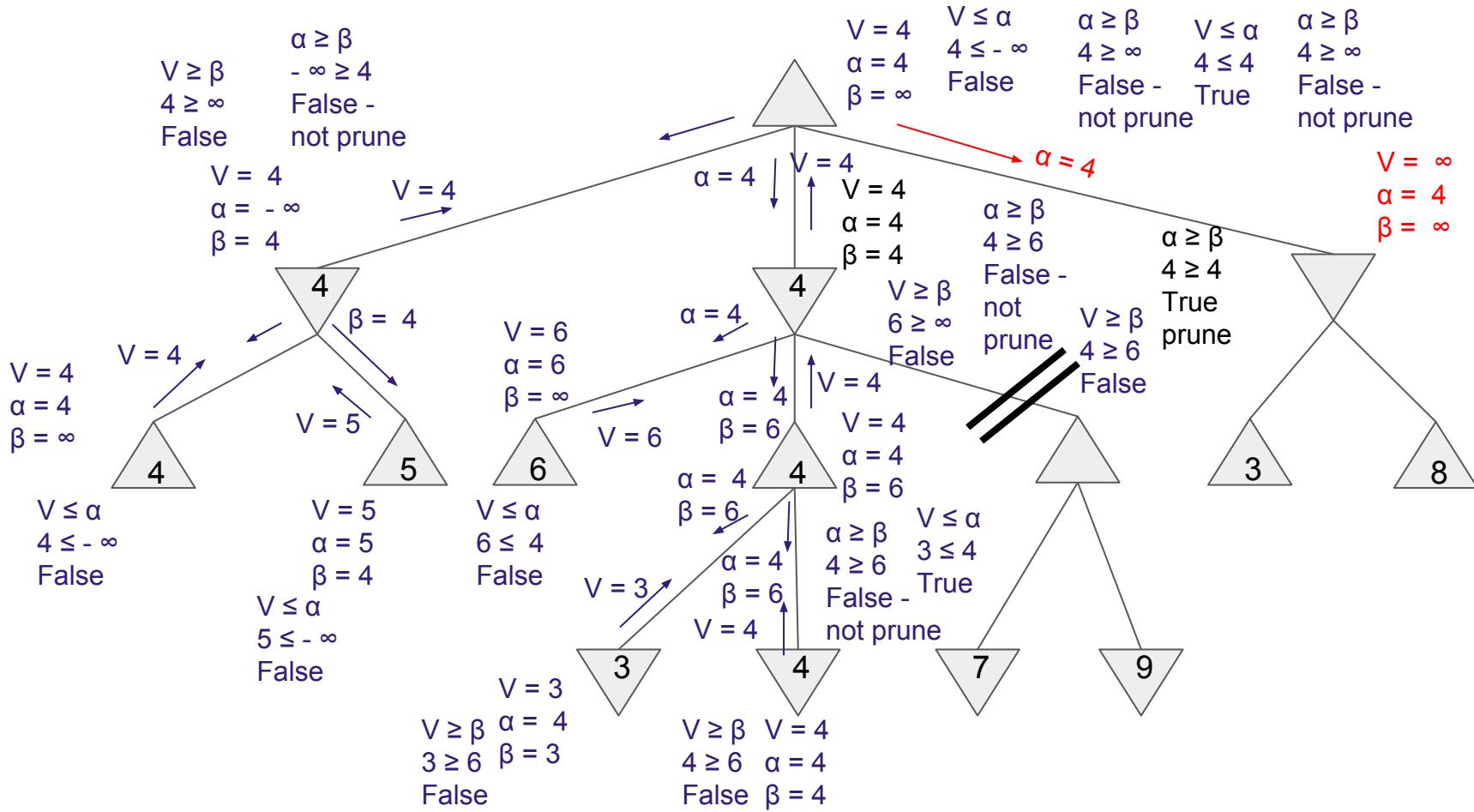
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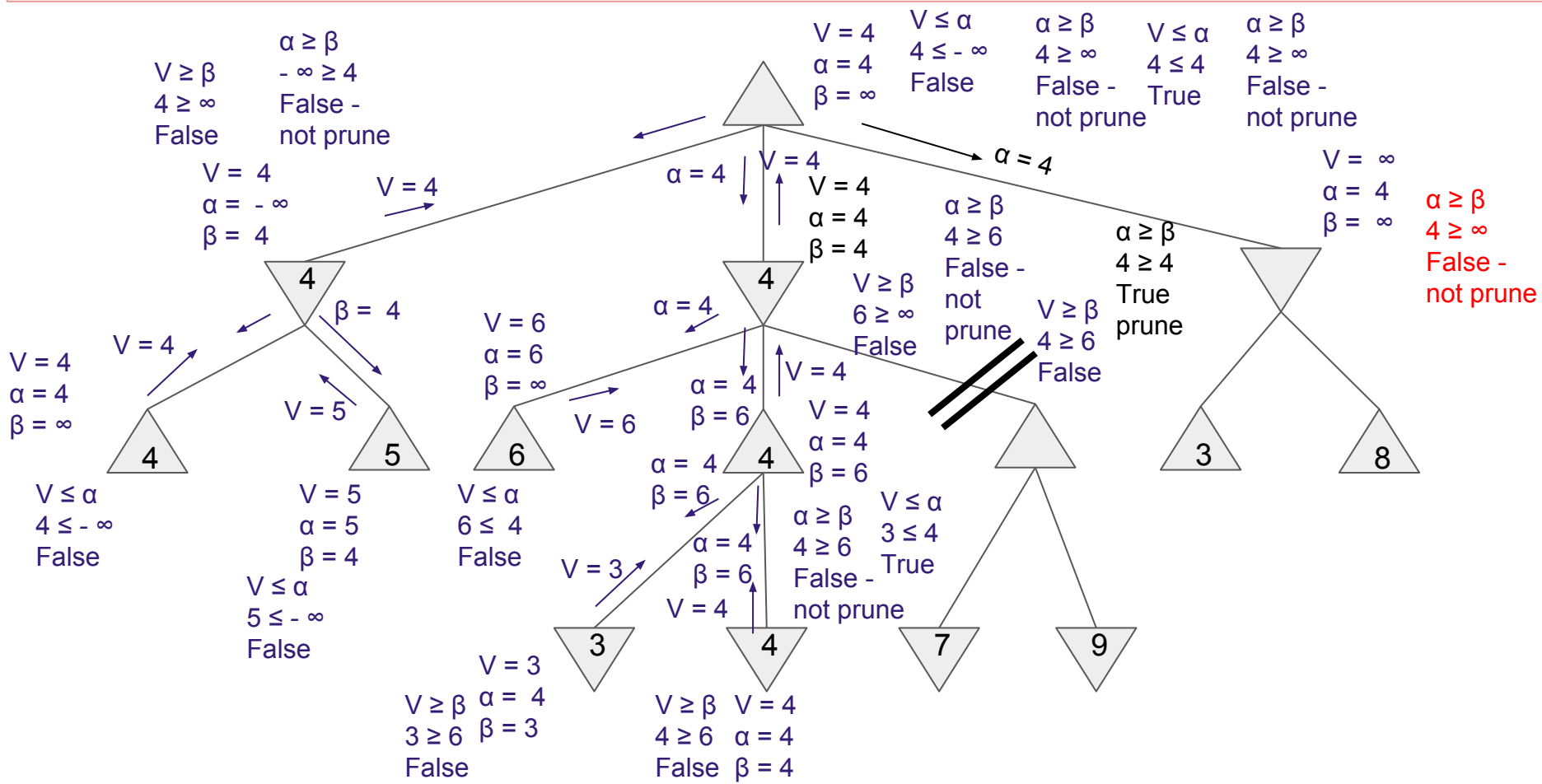
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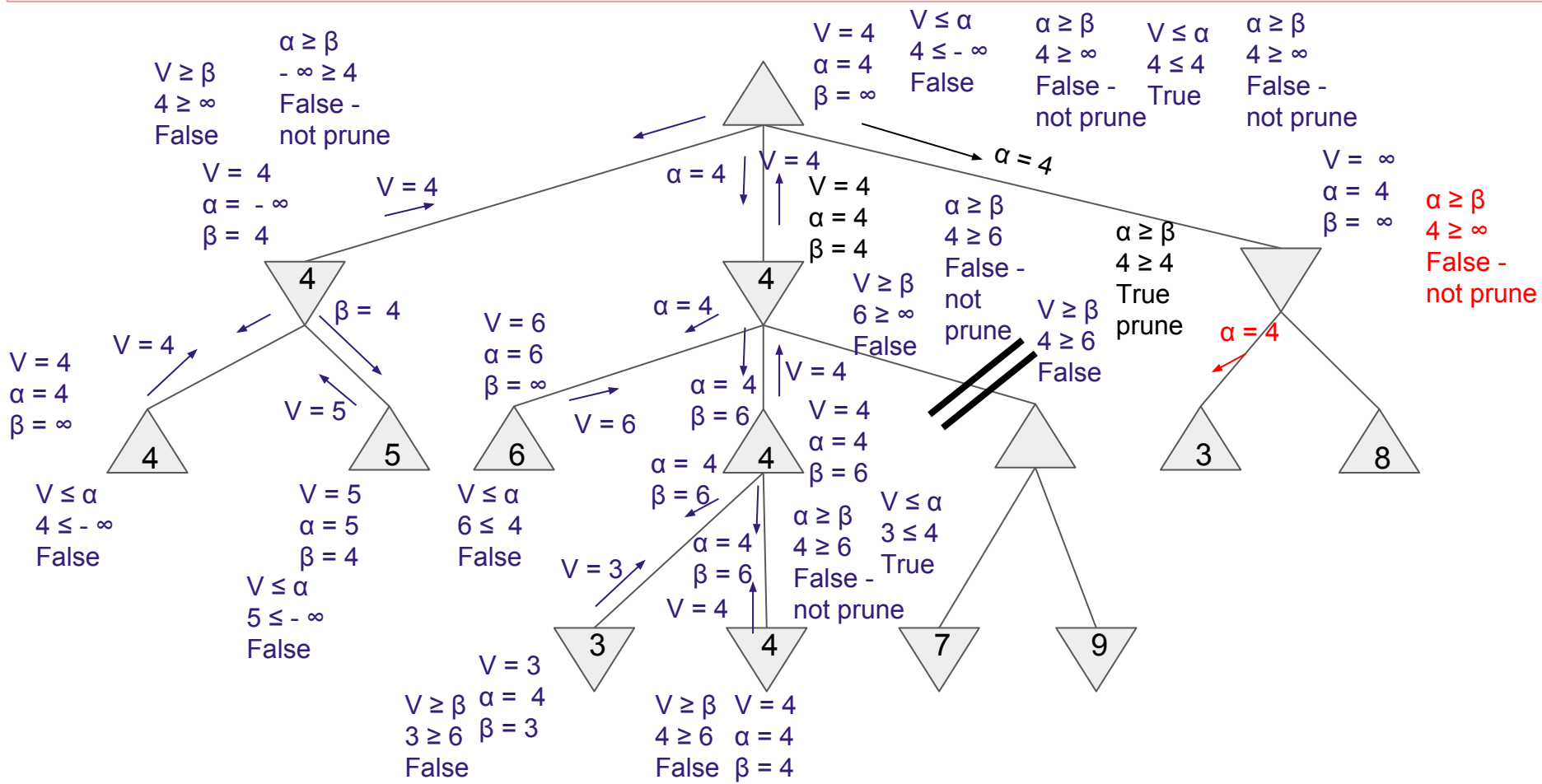
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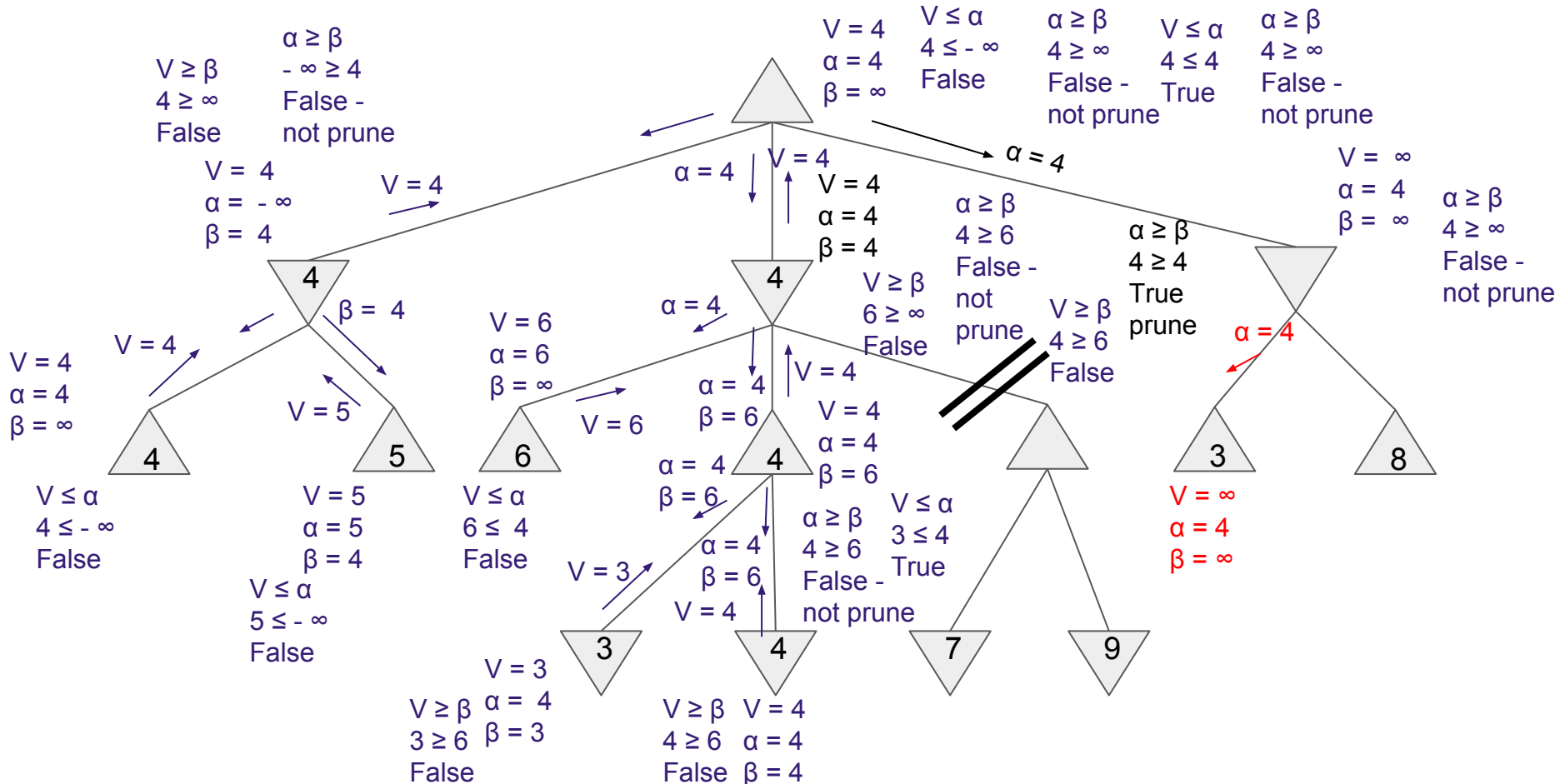
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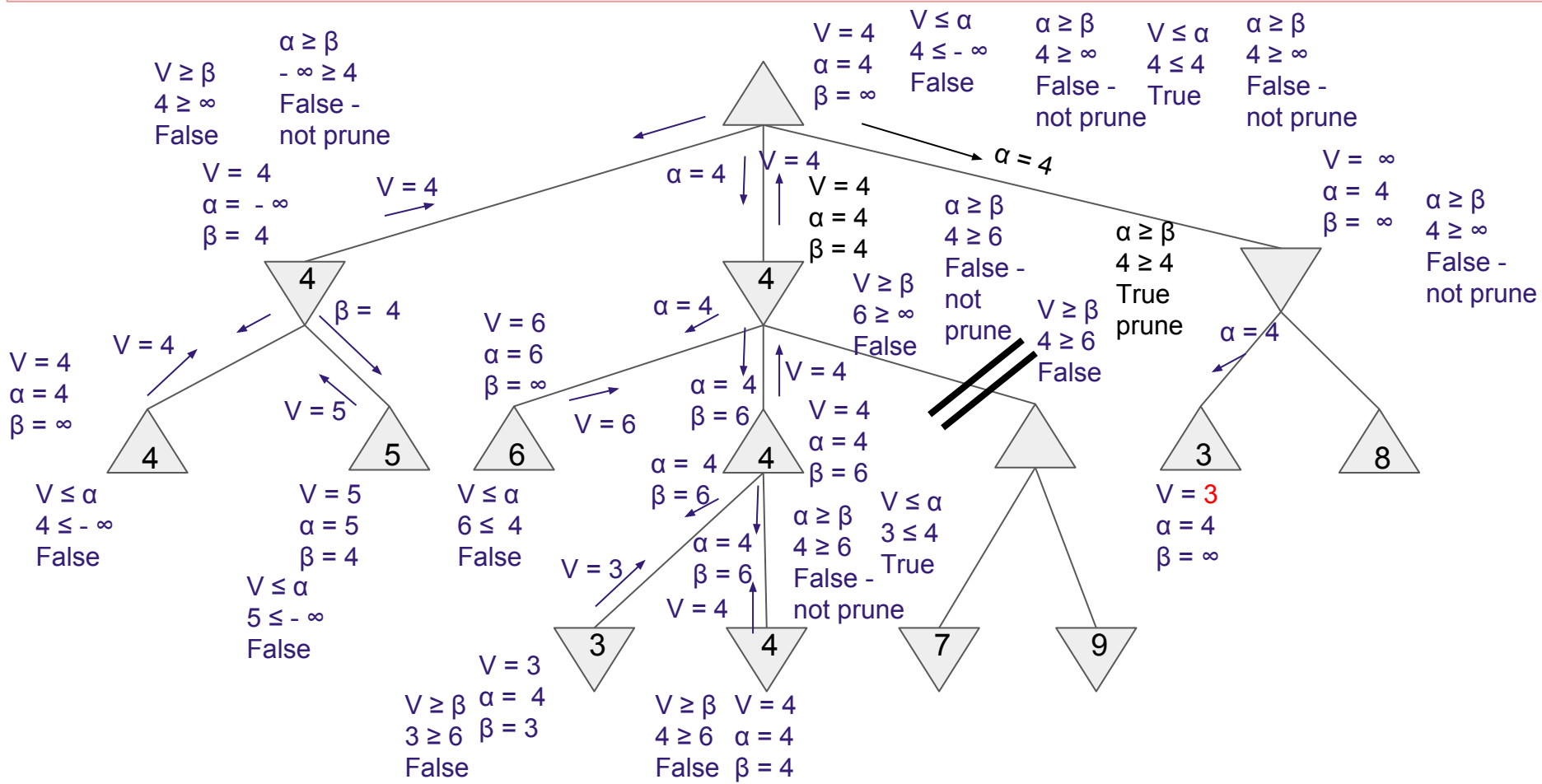
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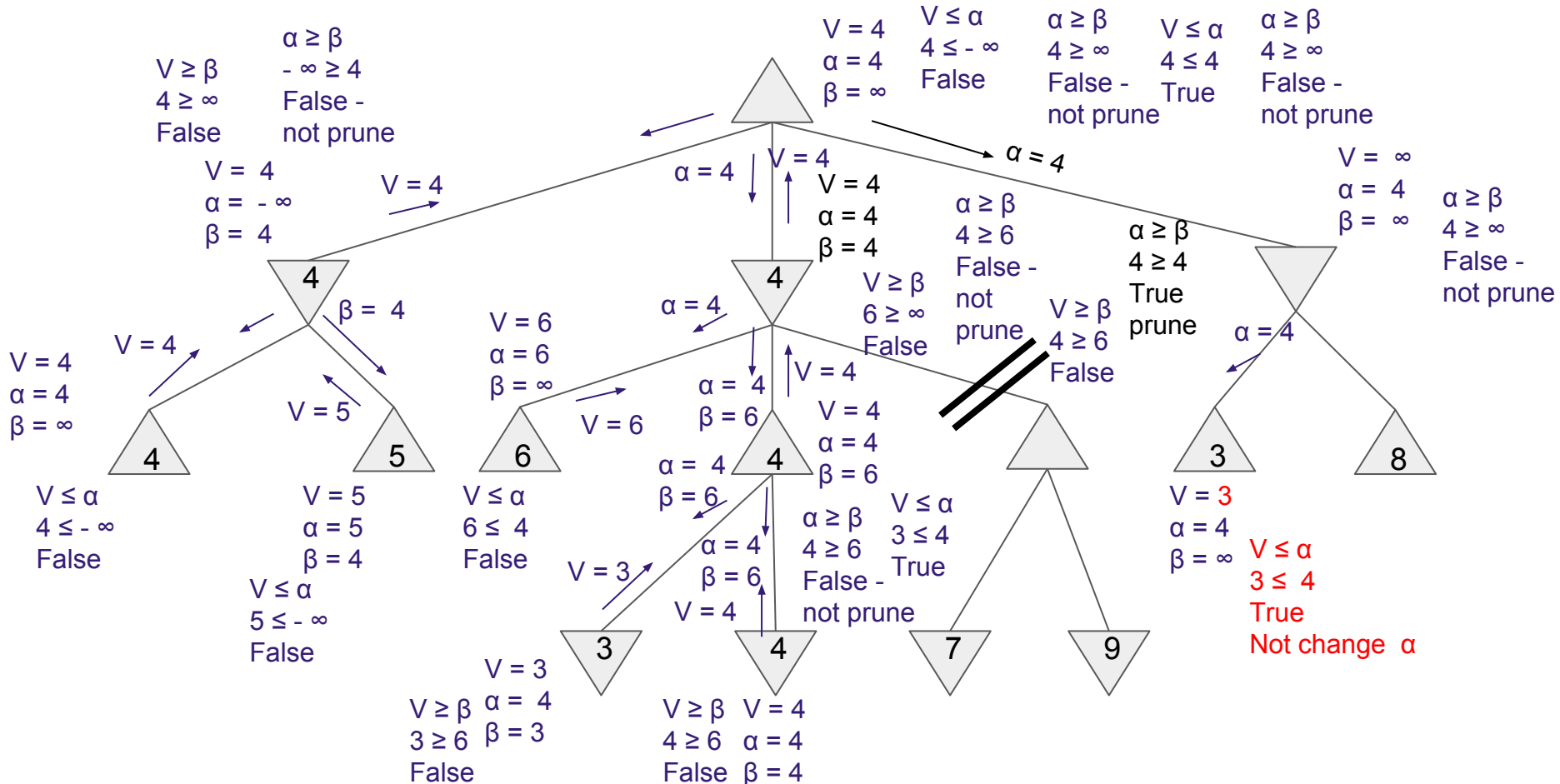
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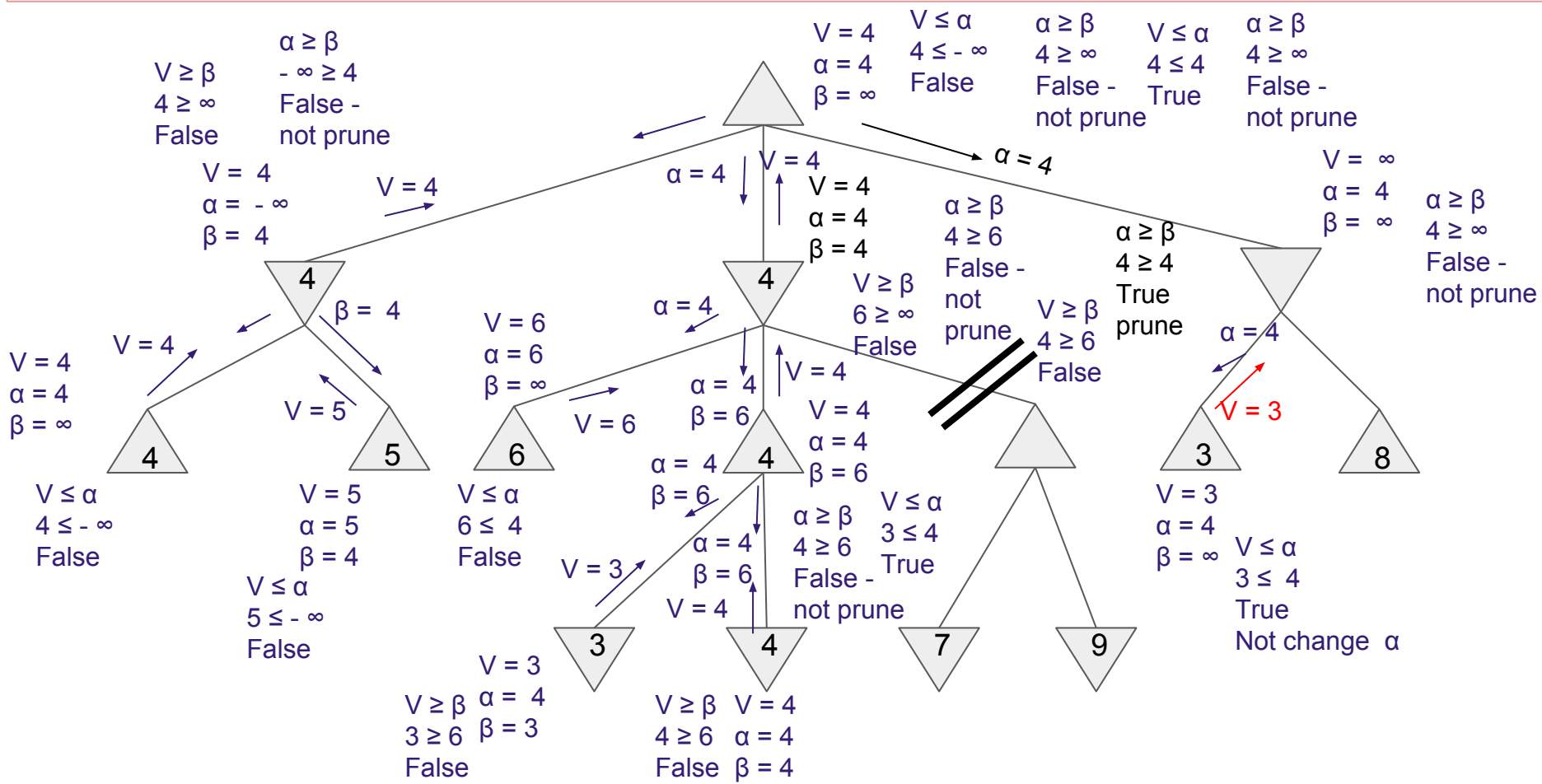
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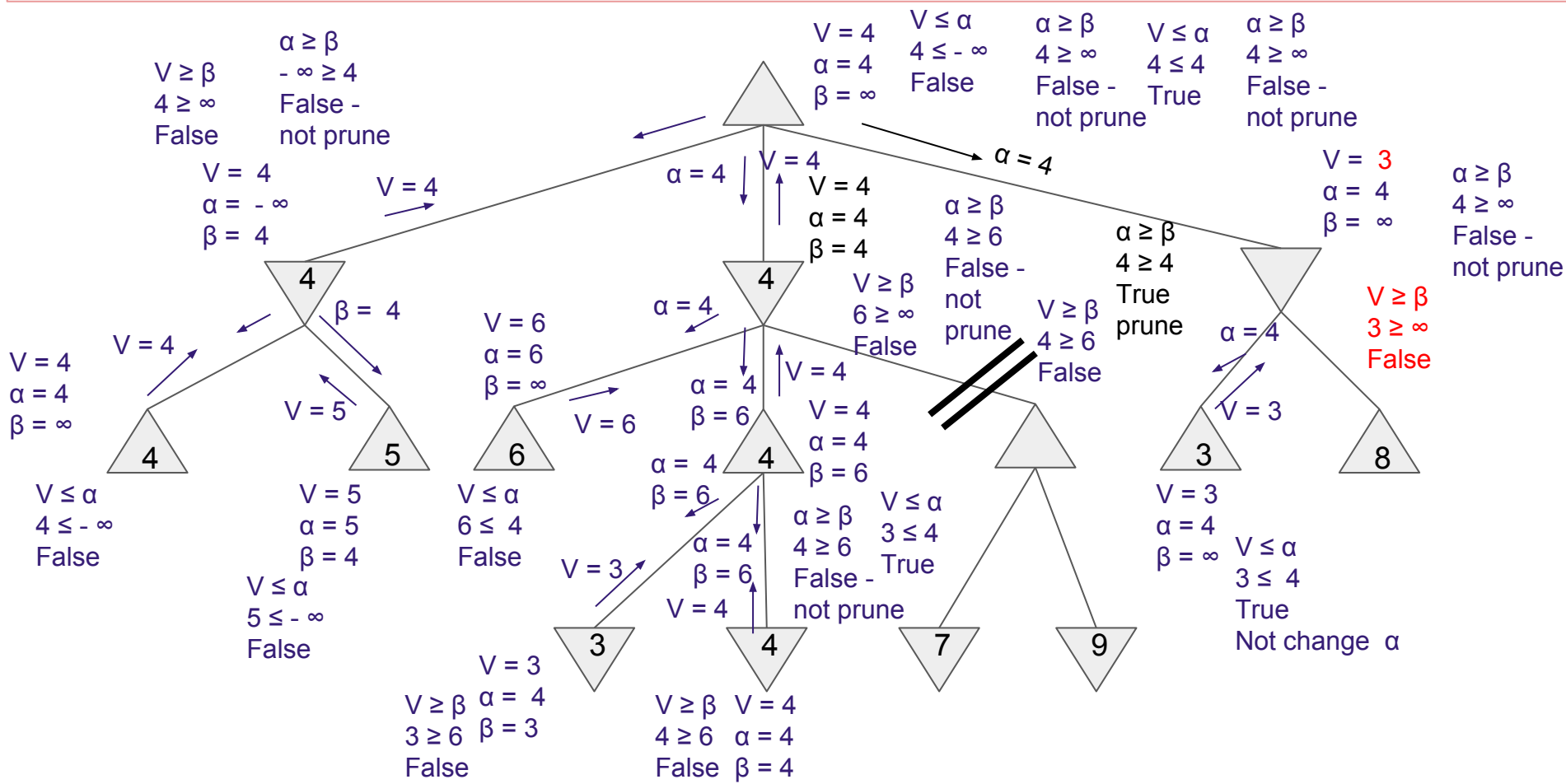
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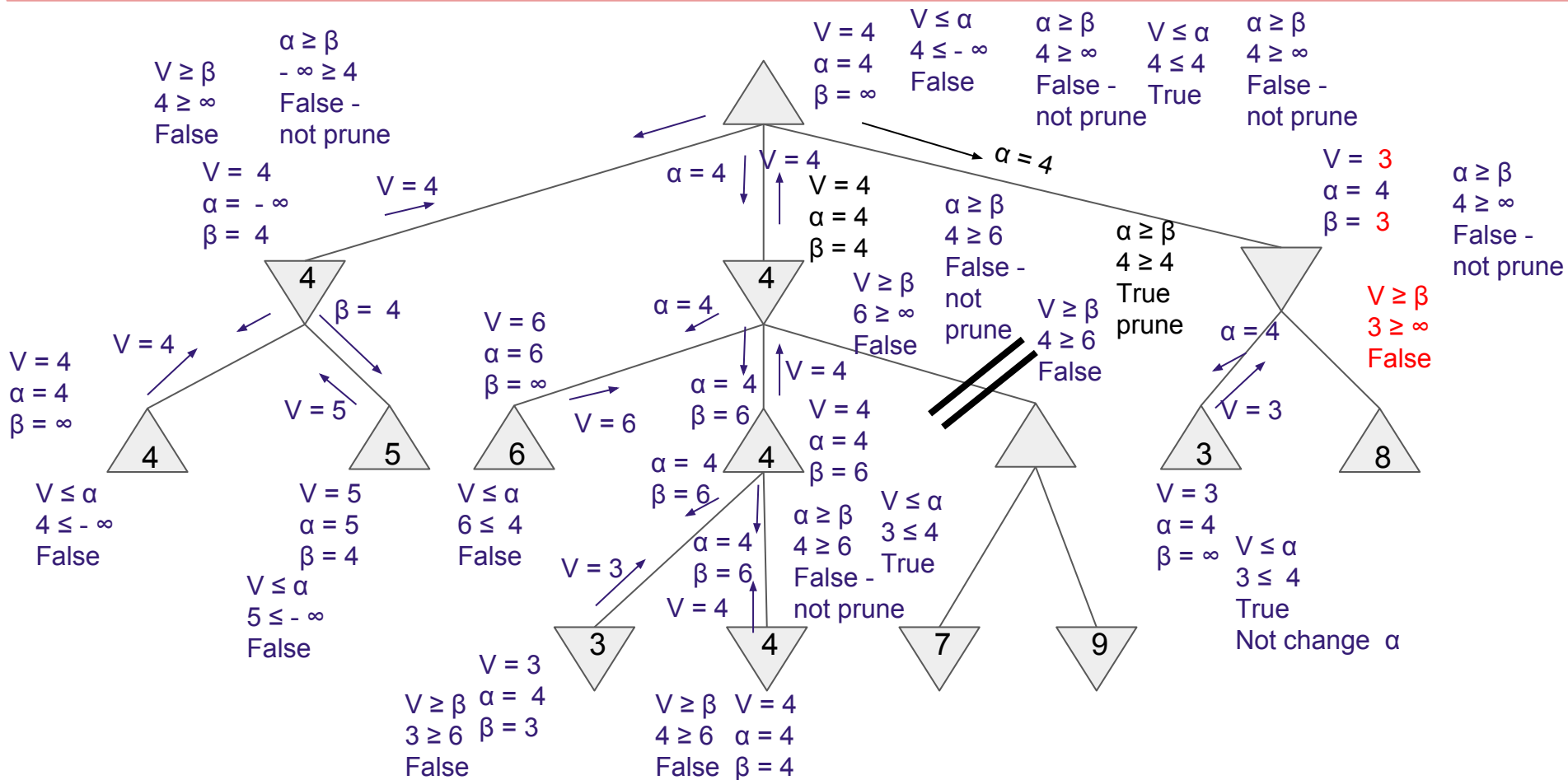
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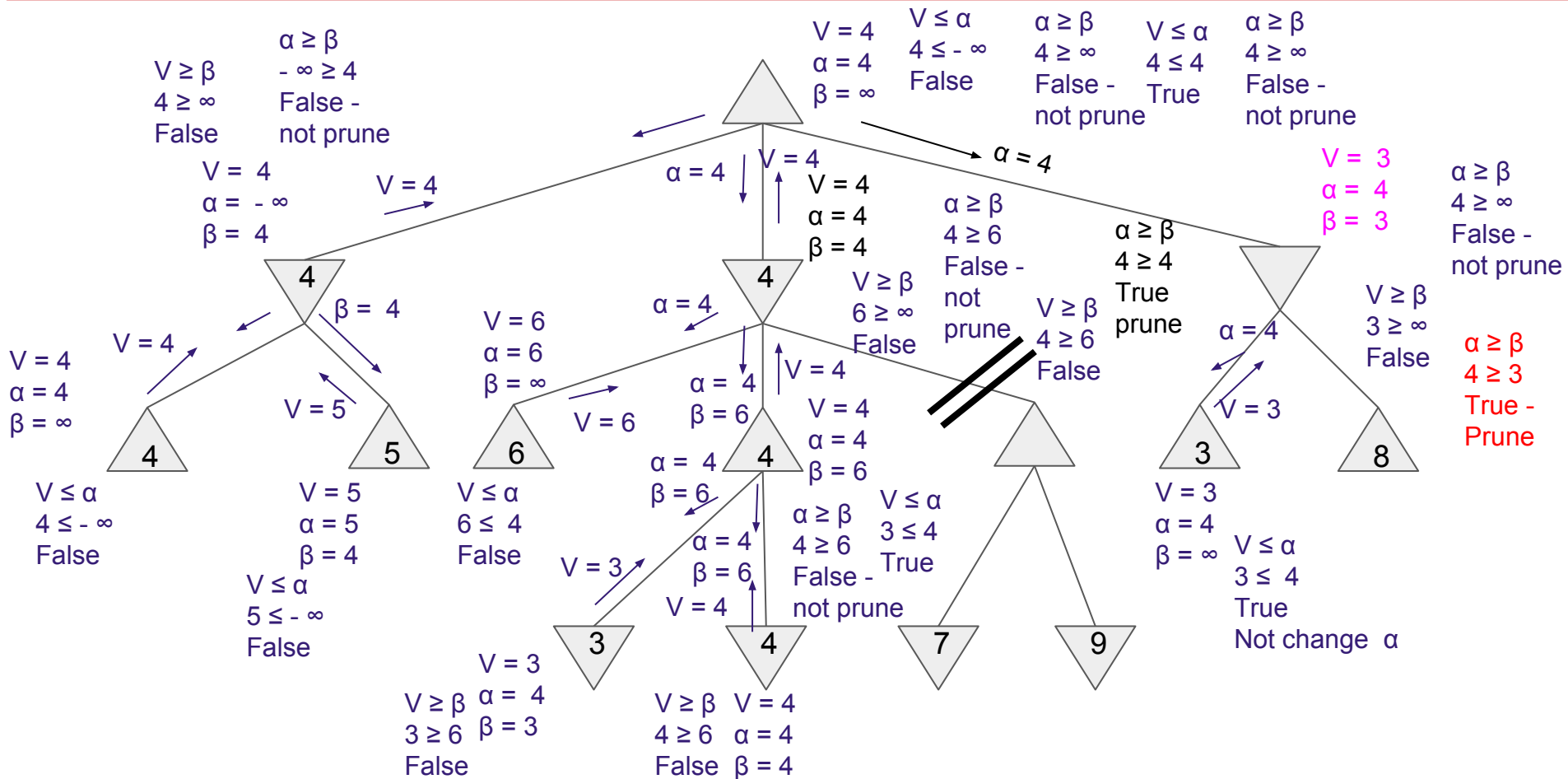
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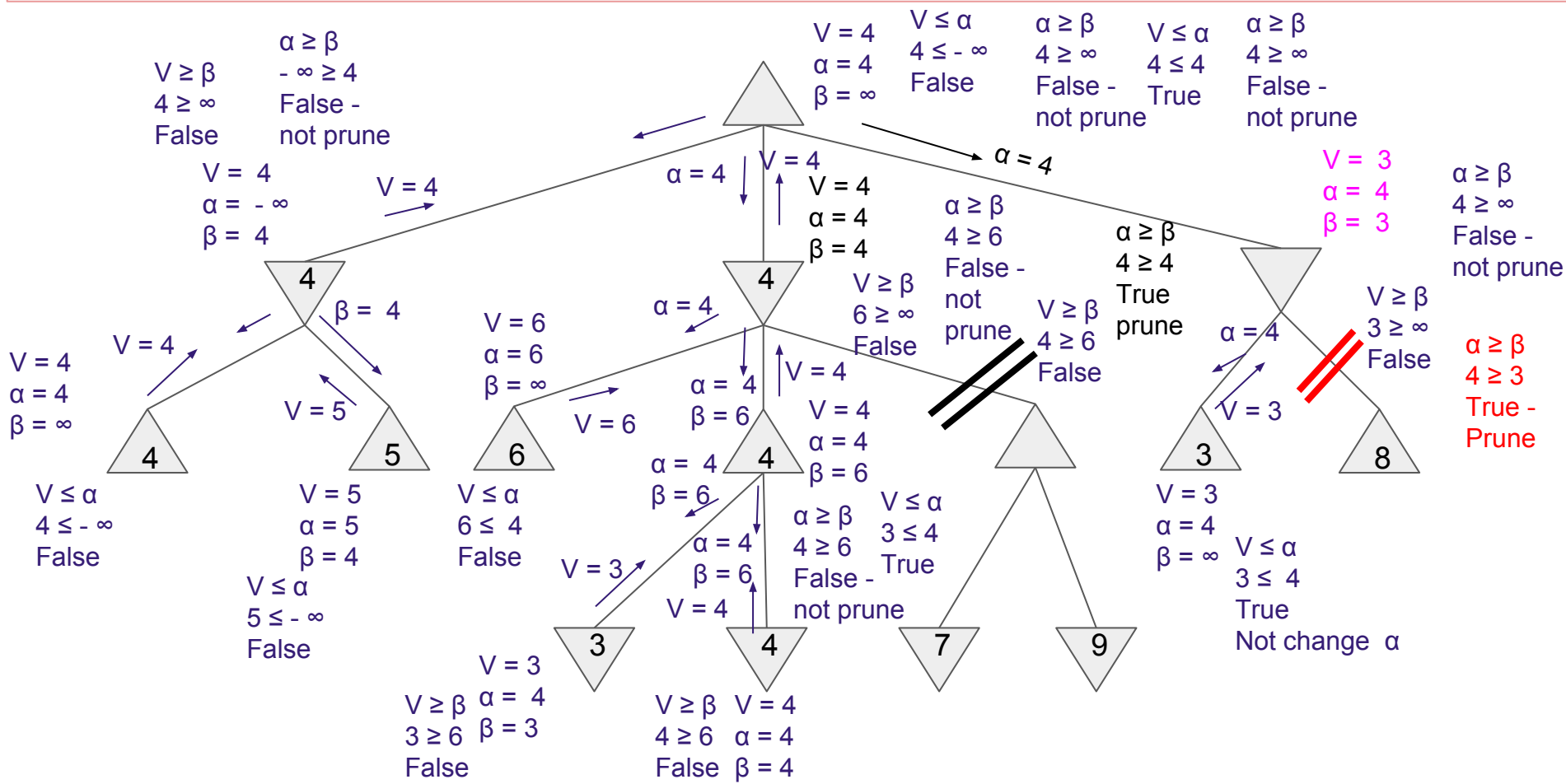
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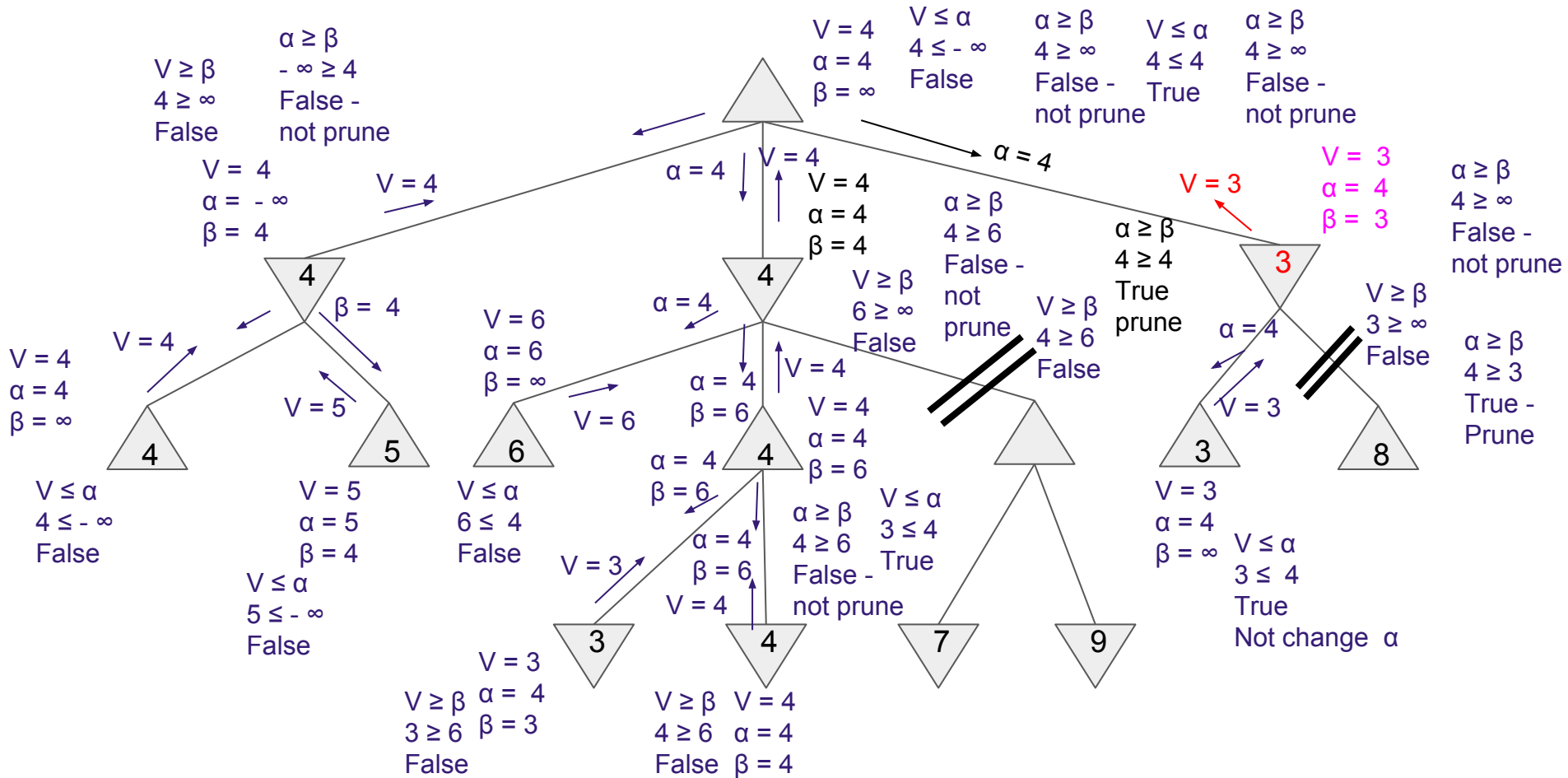
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