

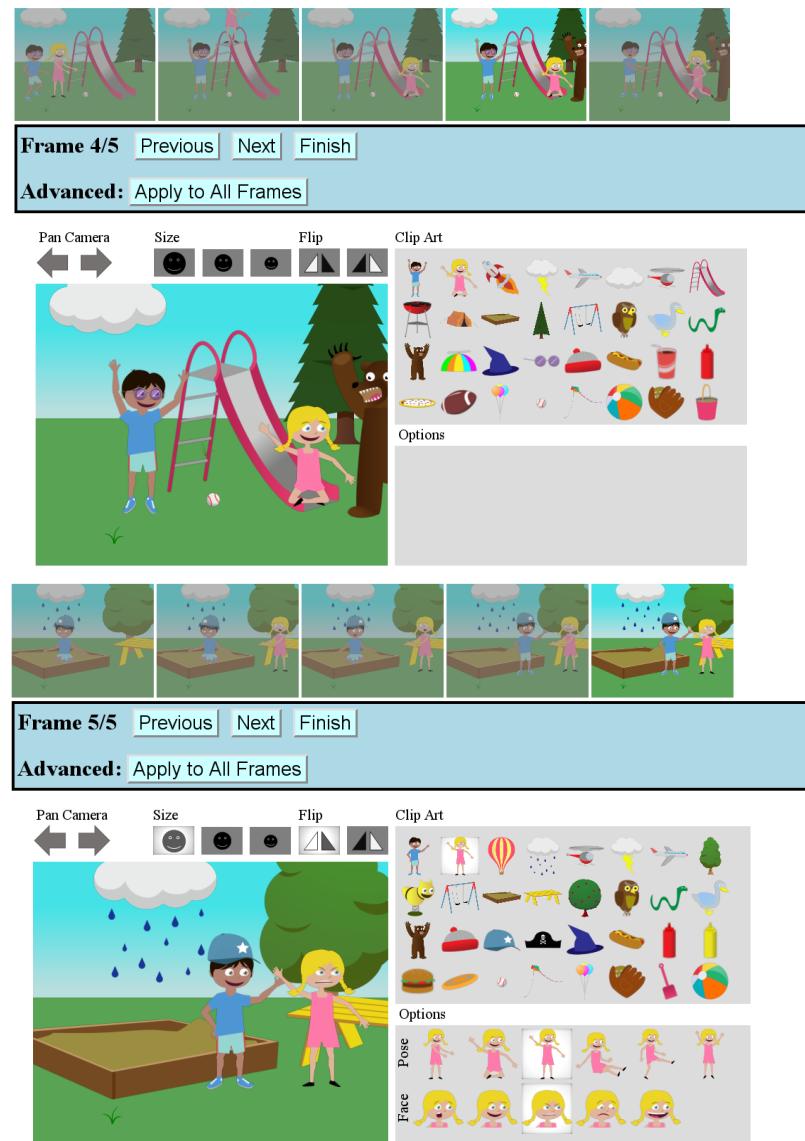
Predicting Object Dynamics in Scenes

Supplementary Material

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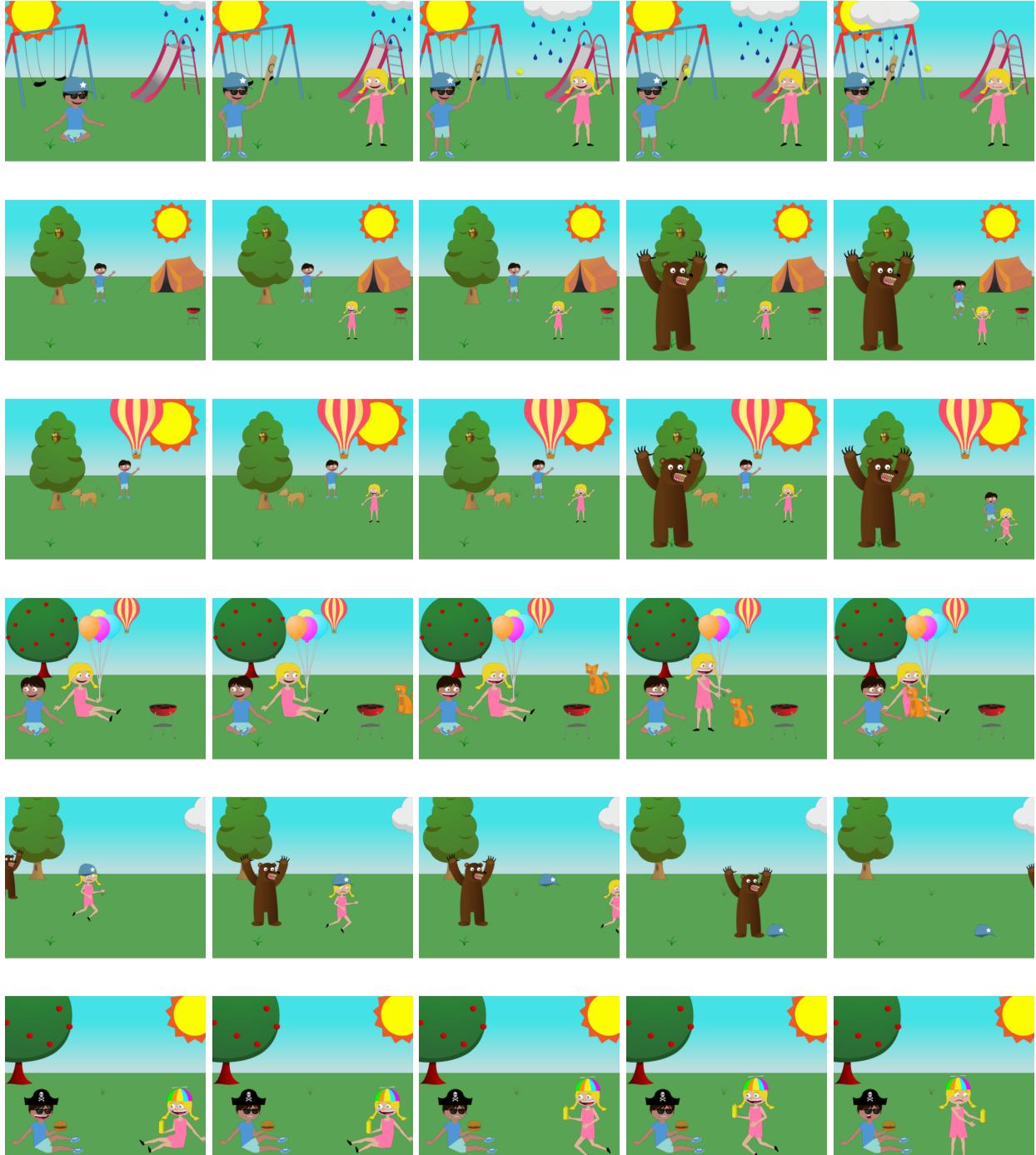
1 Interface Demo

Here we show screenshots of our interface for collecting stories. On the top, note that the user can go back in the sequence; on the bottom, note that the user can select the pose and facial expression of the girl.



2 Story Examples

Here we show 10 example sequences created by workers on Amazon Mechanical Turk (AMT).





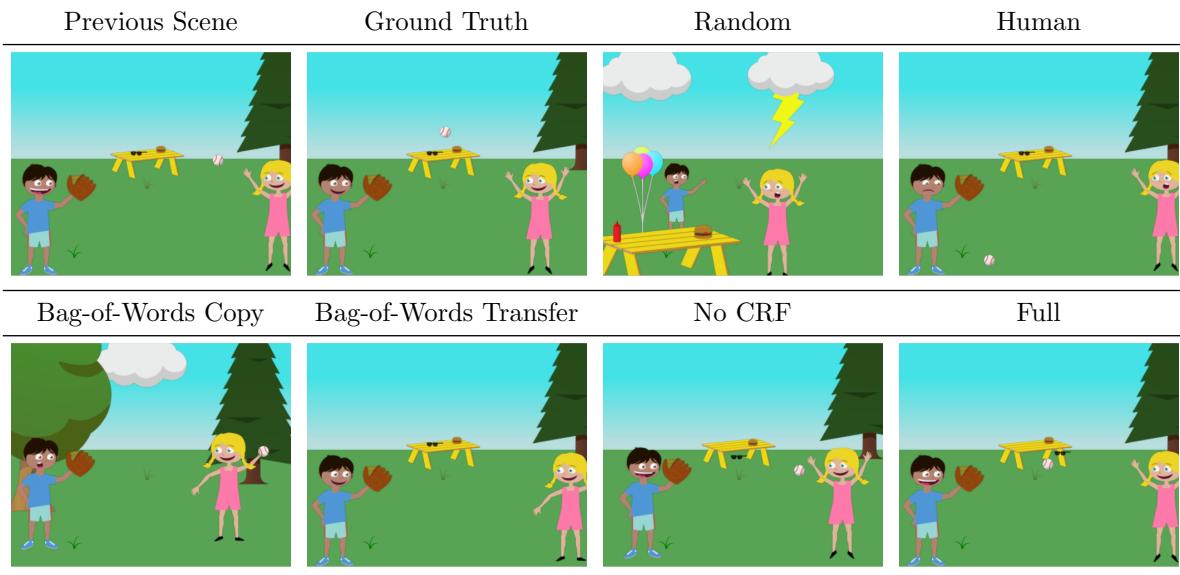
3 Additional Predictions

Here we show 10 additional predictions; these are sampled randomly. Note how copying the scene (BOW Copy, Random) results in continuity errors and how transferring motions or predicting without a CRF (No CRF) results does not enforce consistency in scene dynamics (e.g., in Scene 2).

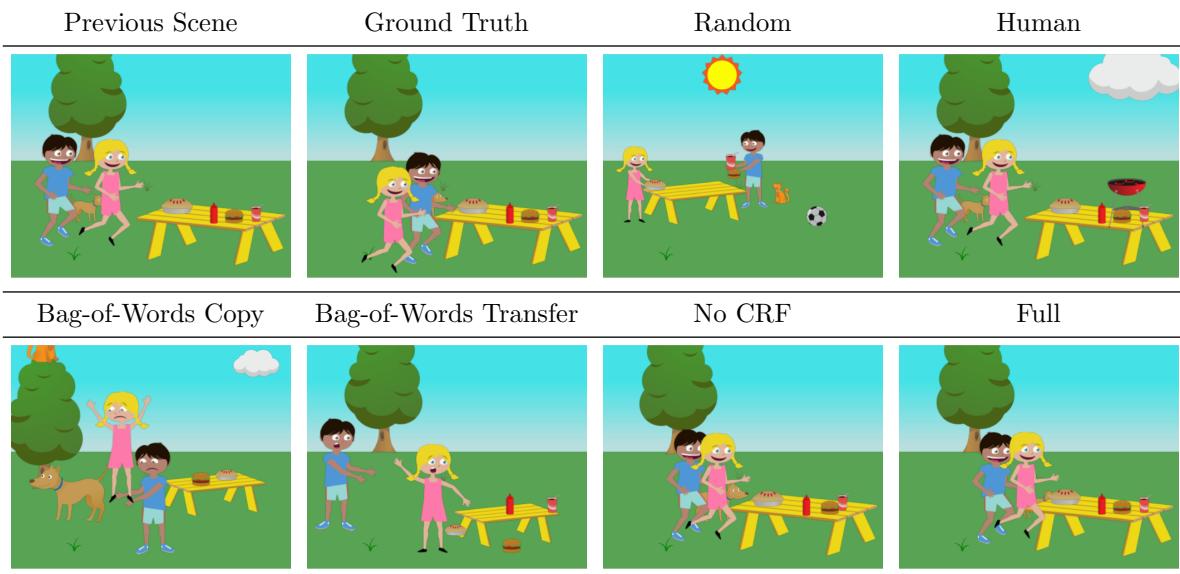
Scene 1			
Previous Scene	Ground Truth	Random	Human
			
Bag-of-Words Copy	Bag-of-Words Transfer	No CRF	Full
			

Scene 2			
Previous Scene	Ground Truth	Random	Human
			
Bag-of-Words Copy	Bag-of-Words Transfer	No CRF	Full
			

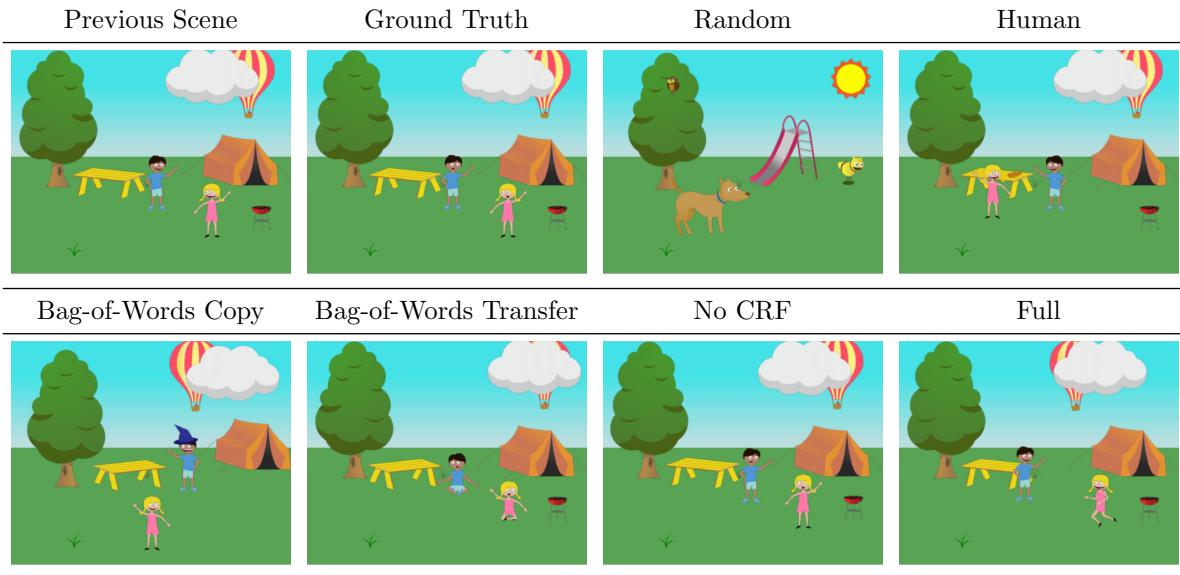
Scene 3



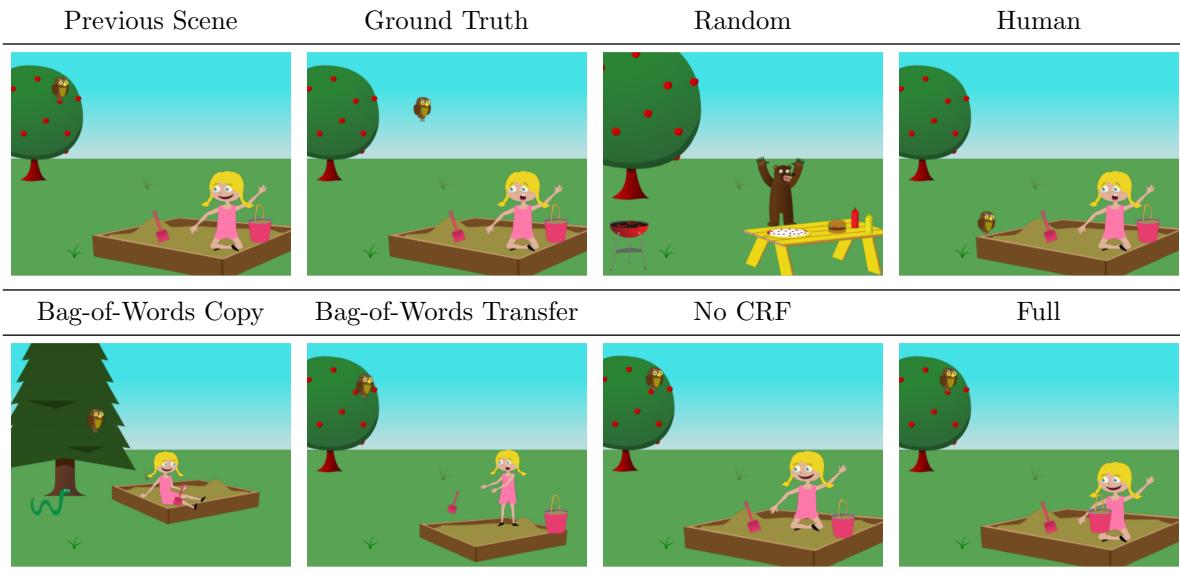
Scene 4



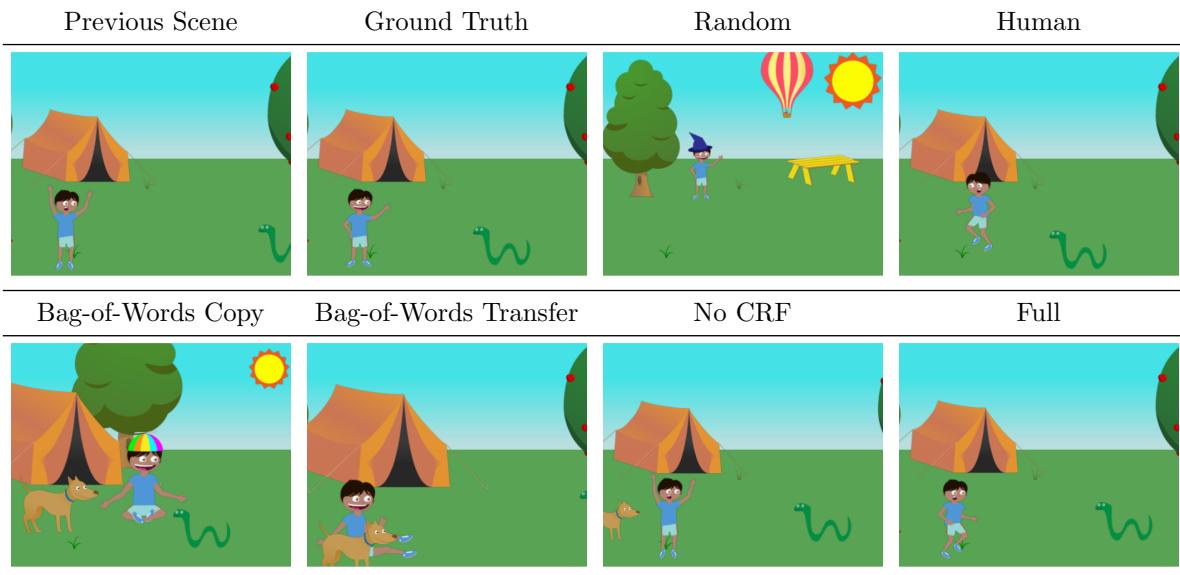
Scene 5



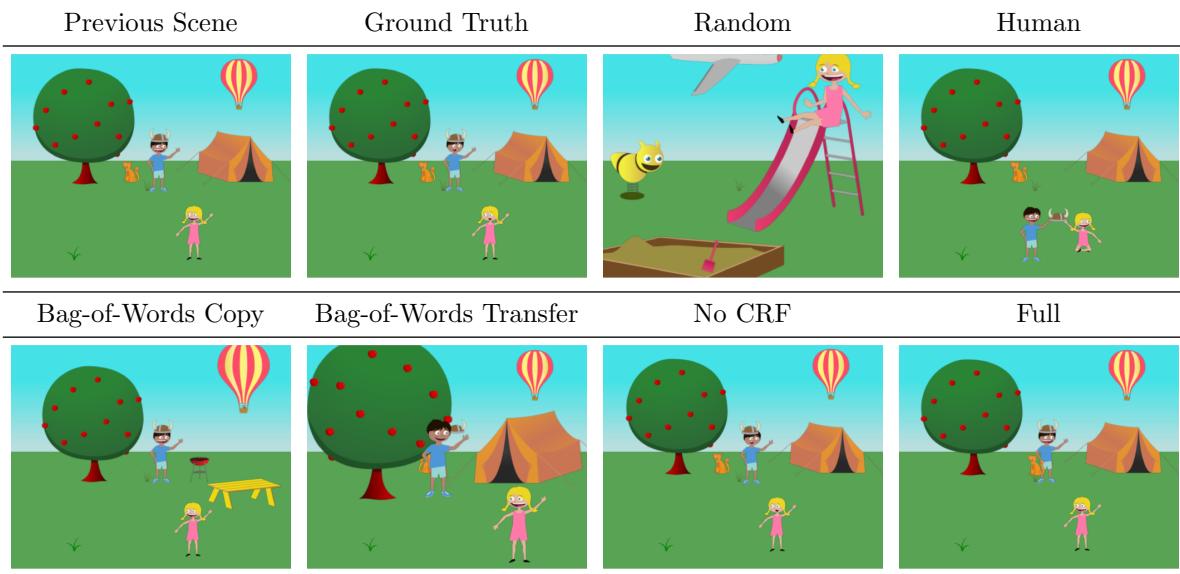
Scene 6



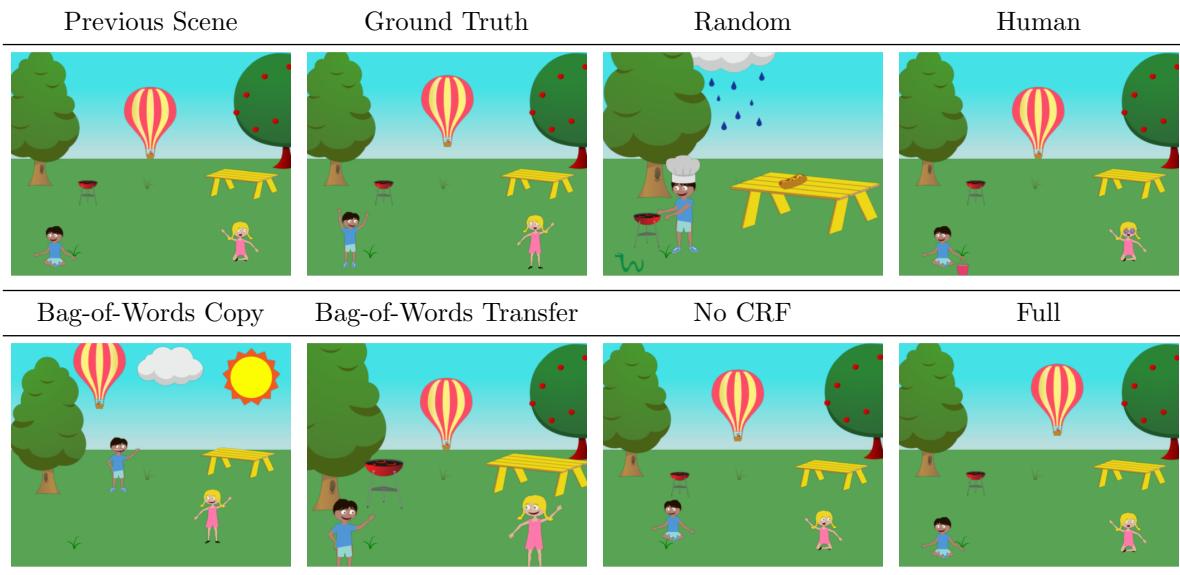
Scene 7



Scene 8



Scene 9



Scene 10

