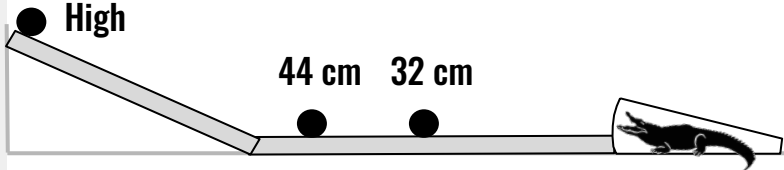
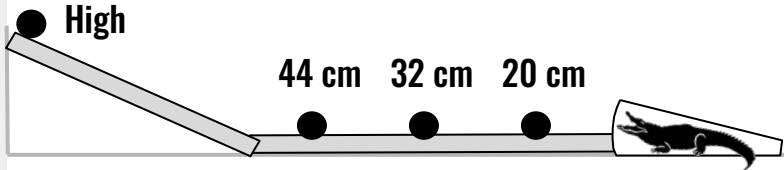
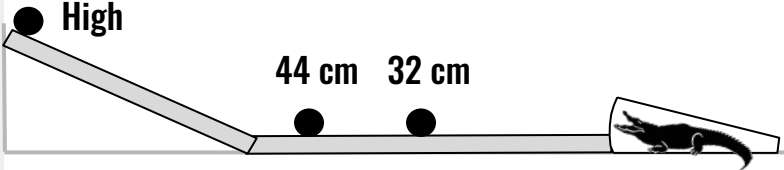
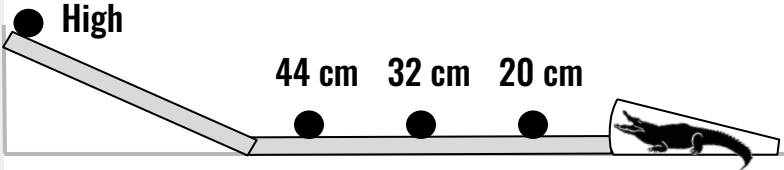


Collisions Experiments!

Always release the Hill Marble at the "High" mark:	Change the number of Bumper Marbles on the track:	Did the Hill Marble get eaten? (It's ok if the Bumper Marbles got eaten.)			
		Trial 1	Trial 2	Trial 3	Trial 4
	44 cm 32 cm	eaten	eaten	eaten	eaten
		safe	safe	safe	safe
	44 cm 32 cm 20 cm	eaten	eaten	eaten	eaten
		safe	safe	safe	safe

COLLISIONS RESULTS: Adding more Bumper Marbles (**always** / **sometimes** / **never**) kept the Hill Marble from getting eaten. Why do you think this happens? Explain your results in terms of energy:

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