





Video description: A man on top of a building throws a bowling ball towards the pins

Semantic Roles:

ARG0

' ARG1

ARG2

Q1: Who throws a bowling ball towards the pins?

Model's Top Predictions:

A: A man B: A man under the tree

C: A person D: This boy

Correct Answer: A man on top of a

building

Q2: Does a man on top of a building throw a bowling ball towards to pins? Model's Top Predictions:

A: Yes B: No C: Maybe

Correct Answer: Yes

Q3: A man on top of a building throws a bowling ball towards the ____. Model's Top Predictions:

A: field B: pins C: basket D: man

Correct Answer: pins

(a) N-way Classification of Phrases

Q4: **<Q-ARG0>** throws a bowling ball towards the pins.

Model's generated answer: A man

standing on a house

Correct answer: A man on top of a

building

Q5: A man on top of a building **<Q-V>** a bowling ball towards the pins.

Model's generated answer: throws

Correct answer: throws

Q6: A man on top of a building throws

<Q-ARG1> towards the pins.

Model's generated answer: a ball

Correct answer: a bowling ball

Q7: A man on top of a building throws a bowling ball <Q-ARG2>

Model's generated answer: towards some bottles

Correct answer: towards the pins

(b) Free-form Answer Generation