

*Studies by Ira A. Noveck*

While sitting on her couch, Julie was reading a comic book.

Suddenly, the phone rang.

She went out of the living room and ran to answer.

It was Isabelle who was inviting Julie to celebrate her birthday Saturday.

Since they were very good friends, Julie accepted the invitation.

Julie answered the phone and accepted an invitation?

"yes" for a high level of all ages.

Julie accepted an invitation and answered the phone?

"yes"	85%	7-year-olds
	63%	10-year-olds
	29%	Adults

	Correct Answer	7-8 (31)	10-11 (30)	Adults (15)
All chairs tell time.	no	93	99	99
All elephants have trunks.	yes	91	99	96
All dogs have spots.	no	86	99	96
Some stores are made of bubbles.	no	95	99	98
Some birds live in cages.	yes	84	90	99
Some giraffes have long necks.	yes	89	85	41

Box 1:	Open	Parrot, Bear
Box 2:	Open	Parrot
Box 3:	Closed	

"Box 3 has the same content as either Box 1 or Box 2"

"There might be a parrot in the box."

True	80% of 7-year-olds
	35% of adults

*Chierchia, Guasti, Gualmini, Meroni, Crain and Foppolo (2004)*

Puppet: "I bet that Batman will take a cake or an apple."

Story acted out where Batman takes just a cake, takes just an apple, or takes both a cake and an apple.

"Did the puppet win the bet?"

Yes:

	5-year olds (9)	Adults (22)
<u>A</u> or <u>B</u>	95	60
<u>A</u> or B	78	100
<u>A</u> and B	16	0