Quantifiers: every NP and a NP

- 11. Every student passed the exam.
- 12. A girl passed the exam.

student	pass the exam
Annie	
Becky	
Susan	
John	

student	pass the exam
Annie	×
Becky	
Susan	×
John	×

Quantifiers: every NP and a NP

- 11. Every student passed the exam.
- 12. A girl passed the exam.

student	pass the exam
Annie	
Becky	
Susan	
John	

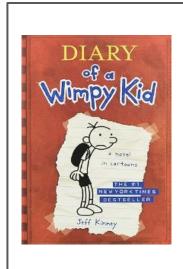
student	pass the exam
Annie	×
Becky	•
Susan	X
John	X

Sentence 11 is true Sentence 12 is true

Sentence 11 is false Sentence 12 is true

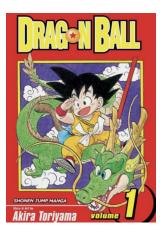
Quantifiers: most NP

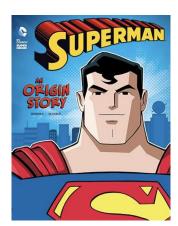
13. Greg read most books.









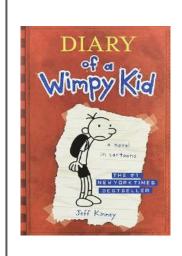


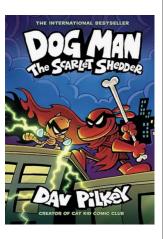
what Greg read

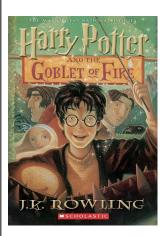
Sentence 6 is true

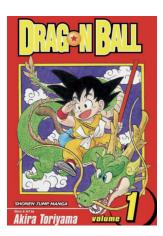
Quantifiers: 'most'

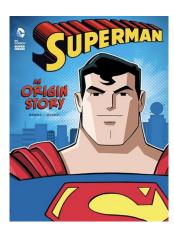
13. Greg read most books.











what Greg read

Sentence 6 is false

Quantifiers: 'no'

14. Sue watched no movie.











what Sue watched

Sentence 7 is true

Quantifiers

The following nominal expressions express the information regarding quantities without using numbers.

- every NP
- a NP
- most NP
- a few NP
- no NP

... but how?

Our intuition

14. Most students walked.



Our intuition

14. Most students walked.

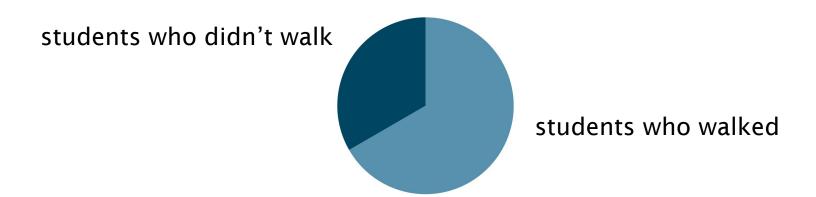


Our intuition

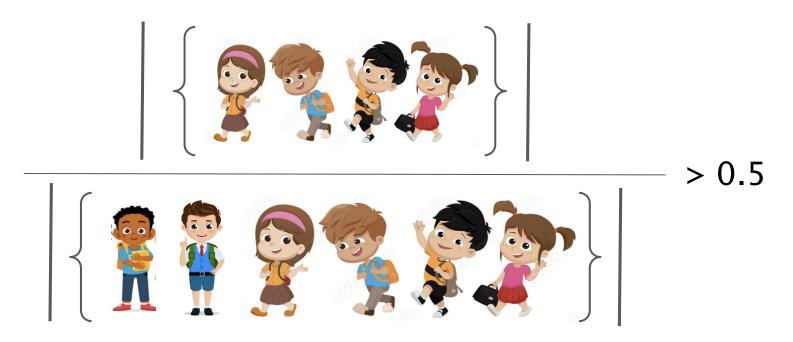
14. Most students walked.

Truth condition:

The girls who walked are more than half of the students.



Calculating proportions

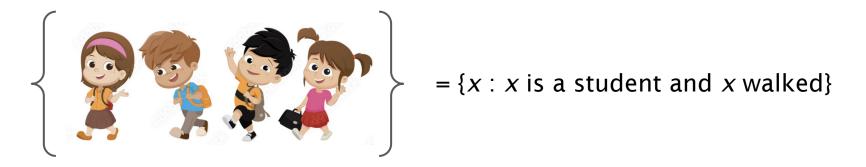




Decomposing the truth condition

14. Most students walked.

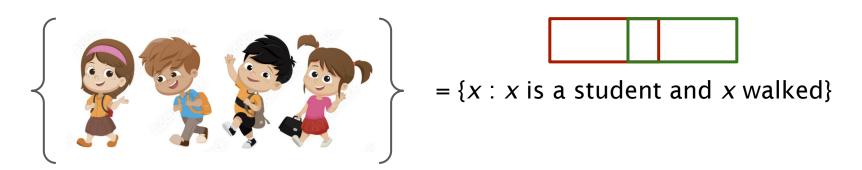




Decomposing the truth condition

14. Most <mark>students</mark> walked.





Decomposing the truth condition

14. Most students walked.

NP VP

"Most" expresses the proportion of VP Set in VP Set

Universal quantifier: 'Every-NP'

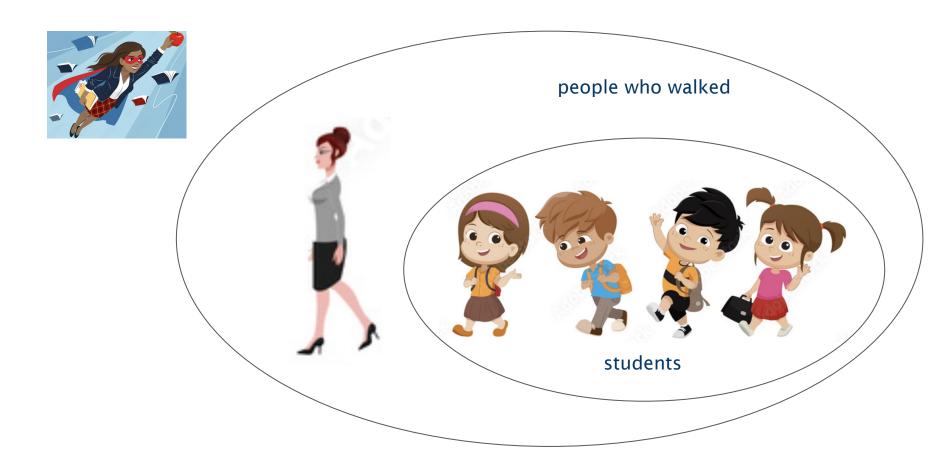
15. Every student walked.





Universal quantifier: 'Every-NP'

15. Every student walked.



Universal quantifier: 'Every-NP'

