## Name

## INEQUALITIES FROM WORD PROBLEMS A2

## WORD PROBLEM

1)	Water will freeze when the temperature is at or below 32°F.	
	Write an inequality using the variable <b>w</b> to show the	203
	temperature at which water will freeze.	001
2)	In a throwing contest, Frazer throws the ball more than	
	20 yards. Newton throws twice as far as Frazer.	•<
	Write an inequality using the variable <b>n</b> to show how far	X
	Newton throws the ball.	
3)	Quadra spends at least 30% of her salary on rent.	<b>N</b>
	Write an inequality using the variable <b>i</b> to show the	
	percentage of her salary which is left.	ř=)
4)	Frazer has a 1-liter bottle of water. He drinks less than ¼	<u>ب</u>
	of the bottle.	
	Write an inequality involving the variable <b>b</b> to show how	
	many milliliters are left in the bottle.	23
5)	Kit takes his dog for a walk each day. He always walks at	
	least 2 miles.	
	Write an inequality involving the variable <b>d</b> to show how	
	far he walks his dog in a week.	
6)	Newton goes shopping in Walmart with \$120. He comes	-
	out of the store with less than \$30 left.	<u>&gt;</u>
	Write an inequality involving the variable <b>m</b> to show how	5
	much money he spent at Walmart.	
7)	The world record for high jump is 2.45 meters.	
	'Kangaroo' Kenny thinks he can beat this.	
	Write an inequality involving the variable <b>h</b> to show how	and the second s
	many cm Kenny needs to jump to break the record.	
8)	A book has 10 chapters. The shortest chapter is 17 pages.	
	Write an inequality involving the variable <b>p</b> to show how	
	many pages the book has.	
9)	Captain is driving along a road with a 50 mph speed limit.	
	He makes sure he is driving at or below the limit.	
	Write an inequality involving the variable <b>d</b> to show how	0 0-
	far he will have traveled in 3 hours.	





INEQUALITY

Date

Name

1)

2)

3)

4)

5)

32°F.

## Date

WORD PROBLEM



temperature at which water will freeze.

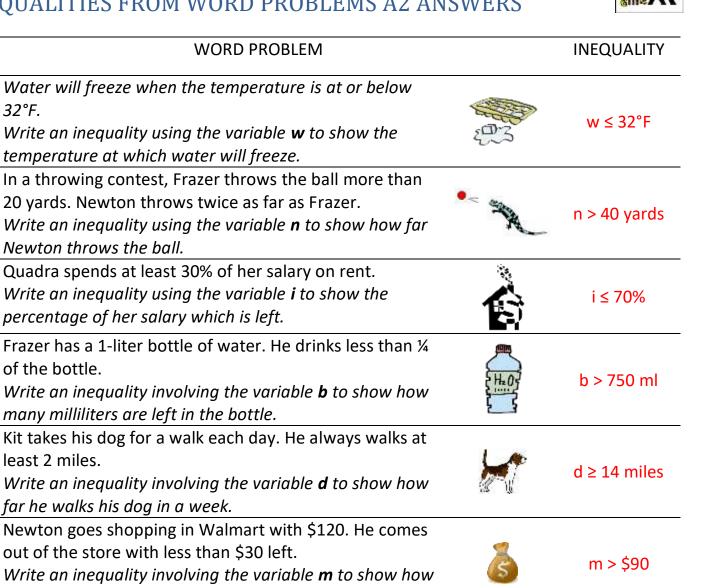
percentage of her salary which is left.

many milliliters are left in the bottle.

Newton throws the ball.

of the bottle.

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- far he walks his dog in a week. Newton goes shopping in Walmart with \$120. He comes 6) out of the store with less than \$30 left. Write an inequality involving the variable **m** to show how much money he spent at Walmart. 7) The world record for high jump is 2.45 meters. 'Kangaroo' Kenny thinks he can beat this. Write an inequality involving the variable **h** to show how many cm Kenny needs to jump to break the record.
- 8) A book has 10 chapters. The shortest chapter is 17 pages. Write an inequality involving the variable **p** to show how many pages the book has.
- 9) Captain is driving along a road with a 50 mph speed limit. He makes sure he is driving at or below the limit. Write an inequality involving the variable **d** to show how far he will have traveled in 3 hours.





h > 245 cm



