INEQUALITIES FROM WORD PROBLEMS A1

Use the inequalities >, <, ≥, ≤, ≠ to help solve these problems.

	WORD PROBLEM		INEQUALITY
1)	Captain counts the coins in his money box and finds that he has more than $2 in coins. *Write an inequality using the variable **m** which describes the amount of money he has in his money box.*		
2)	Bob jumps 420 cm in the long jump. He manages to jump further than his friend Bill. *Write an inequality using the variable **j** which describes how far Bill jumped.*		
3)	Quadra is making cookies. They need to be cooked in the oven for at least 12 minutes. *Write an inequality using the variable **t** which describes the amount of time the cookies need to be cooked.*		
4)	The minimum height to go on the Shooting Star ride is 4 foot 6 inches. *Write an inequality using the variable **h** which describes the height needed to go on the ride.*		
5)	Newton is going on a class trip. He can take a maximum of $10 spending money. *Write an inequality using the variable **s** which describes the amount of spending money he can take.*		
6)	Sally has a 1-liter water bottle of water. She drinks more than half the water. *Write an inequality using the variable **y** which describes how much water is left in the bottle.*		
7)	Flame runs the 100 yard dash in 10 seconds. Captain is not as fast as Flame and takes more than twice as long. *Write an inequality using the variable **t** to show how long it takes him to run 100 yards.*		
8)	Alice is more than three times as old as Bert. *If Bert is 6 years old, write an inequality using the variable **A** to show how old Alice is.*		
9)	Captain asks Frazer to pick any number except 3. *Write an inequality using the variable **n** to show which numbers Frazer can choose.*		

INEQUALITIES FROM WORD PROBLEMS A1 ANSWERS

	WORD PROBLEM		INEQUALITY
1)	Captain counts the coins in his money box and finds that he has more than $2 in coins. *Write an inequality using the variable **m** which describes the amount of money he has in his money box.*		m > $2
2)	Bob jumps 420 cm in the long jump. He manages to jump further than his friend Bill. *Write an inequality using the variable **j** which describes how far Bill jumped.*		j < 420 cm
3)	Quadra is making cookies. They need to be cooked in the oven for at least 12 minutes. *Write an inequality using the variable **t** which describes the amount of time the cookies need to be cooked.*		t ≥ 12 minutes
4)	The minimum height to go on the Shooting Star ride is 4 foot 6 inches. *Write an inequality using the variable **h** which describes the height needed to go on the ride.*		h ≥ 4 ft 6 in
5)	Newton is going on a class trip. He can take a maximum of $10 spending money. *Write an inequality using the variable **s** which describes the amount of spending money he can take.*		s ≤ $10
6)	Sally has a 1-liter water bottle of water. She drinks more than half the water. *Write an inequality using the variable **y** which describes how much water is left in the bottle.*		y < ½ liter
7)	Flame runs the 100 yard dash in 10 seconds. Captain is not as fast as Flame and takes more than twice as long. *Write an inequality using the variable **t** to show how long it takes him to run 100 yards.*		t > 20 seconds
8)	Alice is more than three times as old as Bert. *If Bert is 6 years old, write an inequality using the variable **A** to show how old Alice is.*		A > 18 years
9)	Captain asks Frazer to pick any number except 3. *Write an inequality using the variable **n** to show which numbers Frazer can choose.*		n ≠ 3