Date

INEQUALITIES FROM WORD PROBLEMS C1



	WORD PROBLEM		WORKING OUT
1)	A farmer has a between 40 and 60 yards of fencing (inclusive) to make a square enclosure. If his field has sides length s , write an inequality to show what size field he can make.		
2)	It takes Alice between 10 and 12 minutes (inclusive) to run a mile. At this pace, how long would it take her to run a half marathon (13 miles)? Write an inequality using the variable t to show this.	R	
3)	Flame goes shopping with \$240. She spends more than half but less than three-quarters of the money. Write an inequality using the variable m to show how much money she has left over.	s	
4)	It takes Newton's between 25 to 32 seconds (exclusive) to swim a length of a swimming pool Write an inequality to show the time it takes (t) in seconds for him to swim 20 lengths.	×.	
5)	Sally can make from 6 to 10 Fimo models in a day. She needs to make 120 models for an exhibition. Write an inequality involving the variable x to show how long it will take her to make all the models.	3	
6)	Bert has a salary of \$26,000. He is trying to save between 5% and 10% of his salary each year. He has already saved \$500 so far this year. Write an inequality using the variable s to show how much more money he needs to save.	6	
7)	Captain is driving o a 360 mile journey. His speed is averaging between 45 and 60 miles per hour (inclusive). He has traveled 60 miles so far. Write an inequality involving the variable r to show how it will take him to complete the remainder of his journey.	.	
8)	Bill is 2 years younger than Anna. Chris is more than twice as old, but less than 3 times as old, as Bill. If Alice is 9 years old, write an inequality using the variable c to show how old Chris is.	2	



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