	Graphing	NAME									
1.5b Inequalities		Date		Period							
- Remembe		0.1	-		14	23	18	_			
1. The arrowhead always points to		6-4<	> ◄+	-		-	+	-	+>		
	aller value.	5 > 6 - 4	4 0	1	2	3	4	5	6		
2. When g	raphing a linear inequality	18		-	86		×.,				
on a nu	mber line, use	n > 1	0	1	2	3	4	5	6		
an or	pen dot for < or >.		001	.08					Č.		
and the second se		o Graph = $n \leq n$	0	1	2	3	4	5	6		

Draw straight lines to match the descriptions and inequalities. Then graph the inequality on the corresponding number line. The uncrossed letters will spell out a message.

1. Six is greater than three.	G		6 < 10	< 0	2	4 6	8	10	12
2. Three is less than five.3. Six is less than ten.	M A	•	10 < 3 · 5	•	5	10	15	20	25
4. Ten is less than three times five.	т	•	6 > 3	0	1	2 3	4	5	6
5. Ten is greater than	R E	•	20 > 15	•	5	10	15	20	25
five minus five.6. Twenty is greater than fifteen.	H A	•	3 < 5	* † 0	1	2 3	4	5	6
7. A number is less than or equal to five.	т	•	10 > 5 - 5	+	5	10	15	20	25
8. A number is greater than three.	ı	•	$n \ge 8+2$	•	5	10	15	20	+ ► 25
 A number is greater than or equal to eight plus two. 	RU	•	<i>n</i> > 3	•	1	2 3	4	5	6
 A number is less than the product of five and two. 	ο ι	•	$n \leq 3 + 5$	•	2	4 6	8	10	12
11. A number is less than or equal	E B	•	n≤ 5	0	1	2 3	4	5	6
to the sum of three and five. • 12. A number is greater than	s	•	n > 5 • 2	•	5	10	15	20	25
five times two.	!	•	n < 5 • 2	0	5	10	15	20	25