	Writing inequalities Nam	С.
Writ	te each number sentence as an equation / inequality.	Answers
Ex)	-2 is less than or equal to x.	
	1	$ _{Ex.}$ $-2 \leq x$
1)	v is loss than 92	Ex. $\underline{-2 \leq x}$
1)	x is less than -82.	
		1
2)	x is less than or equal to 92.	
		2.
3)	24 is less than x.	
- /	2 i is less than A.	
4)		3
4)	x is greater than or equal to 2.	
		4
5)	x is greater than or equal to -78.	
		5.
6)	-5 is greater than or equal to x.	
0)	-3 is greater than or equal to x.	
		6
7)	-20 is less than x.	
		7
8)	x is greater than -99.	
		8.
9)	-70 is greater than or equal to x.	
7)	-70 is greater than or equal to x.	9.
4.0\		^{9.}
10)	-33 is greater than x.	
		10
11)	x is equal to 43.	
	•	11.
12)	14 is greater than x.	
14)	14 is greater than x.	12.
		12.
13)	x is greater than or equal to 5.	
		13
14)	x is greater than or equal to -84.	
		14
15)	x is less than 91.	
10)	A 15 1C55 (11011) 1.	15.
4.0		101 <u> </u>
16)	x is less than 57.	
		16
17)	x is less than or equal to 31.	
	•	17
18)	27 is greater than x.	
10)	21 is greater than A.	18.
400		
19)	70 is greater than or equal to x.	10
		19
20)	x is greater than or equal to -81.	
		20
		05 00 05 00 75 70 65 60 55 50

Name:

Answer Key

Write each number sentence as an equation / inequality.

 $\mathbf{E}\mathbf{x}$) -2 is less than or equal to x.

- 1) x is less than -82.
- 2) x is less than or equal to 92.
- **3**) 24 is less than x.
- 4) x is greater than or equal to 2.
- 5) x is greater than or equal to -78.
- 6) -5 is greater than or equal to x.
- 7) -20 is less than x.
- 8) x is greater than -99.
- 9) -70 is greater than or equal to x.
- 10) -33 is greater than x.
- **11**) x is equal to 43.
- **12**) 14 is greater than x.
- 13) x is greater than or equal to 5.
- **14**) x is greater than or equal to -84.
- **15**) x is less than 91.
- **16**) x is less than 57.
- 17) x is less than or equal to 31.
- 18) 27 is greater than x.
- **19**) 70 is greater than or equal to x.
- **20**) x is greater than or equal to -81.

Answers

Ex.
$$-2 \le x$$

1.
$$x < -82$$

$$2. \qquad \mathbf{x} \leq \mathbf{92}$$

3.
$$24 < x$$

$$_{4.}$$
 $\mathbf{x} \geq \mathbf{2}$

$$_{5.}$$
 $x \ge -78$

$$_{6.} \qquad -5 \geq x$$

$$-20 < x$$

$$x > -99$$

$$_{9.} \quad \underline{-70 \geq \mathbf{x}}$$

$$_{10.}$$
 $-33 > x$

11.
$$43 = x$$

$$x \geq 5$$

$$_{14.}$$
 $x \ge -84$

17.
$$x \le 31$$

$$_{18.}$$
 27 > x

$$_{19}$$
 $70 \ge x$

$$_{20.}$$
 $x \ge -81$