Ungleichheiten auf einem Zahlenstrahl

Name:

Benutze den Zahlenstrahl, um die Ungleichheit darzustellen.

Bsp) $X \leq 170$

140 145 150 155 160 165 170 175 180 185 190 195 200

1) $X \leq 20$

-10 -5 0 5 10 15 20 25 30 35 40 45

2) $X \leq -80$

-140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20

3) $X > -180$

-250 -240 -230 -220 -210 -200 -190 -180 -170 -160 -150 -140 -130 -120

4) $X \geq -110$

-135 -130 -125 -120 -115 -110 -105 -100 -95 -90 -85

5) $X < -105$

-135 -130 -125 -120 -115 -110 -105 -100 -95 -90 -85 -80 -75

6) $X \geq 119$

114 115 116 117 118 119 120 121 122 123 124 125

7) $X < -140$

-210 -200 -190 -180 -170 -160 -150 -140 -130 -120 -110 -100 -90 -80 -70

8) $X < 105$

75 80 85 90 95 100 105 110 115 120 125 130 135

9) $X < 72$

67 68 69 70 71 72 73 74 75 76 77

10) $X > 170$

165 166 167 168 169 170 171 172 173 174 175

11) $X \leq 76$

69 70 71 72 73 74 75 76 77 78 79 80 81

12) $X \geq -78$

-85 -84 -83 -82 -81 -80 -79 -78 -77 -76 -75 -74 -73 -72 -71

13) $X \geq -180$

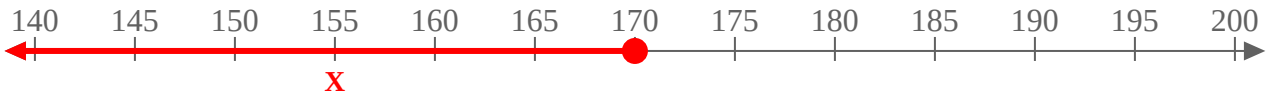
-230 -220 -210 -200 -190 -180 -170 -160 -150 -140 -130 -120 -110

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Ungleichheiten auf einem Zahlenstrahl Name: **Lösungsschlüssel**

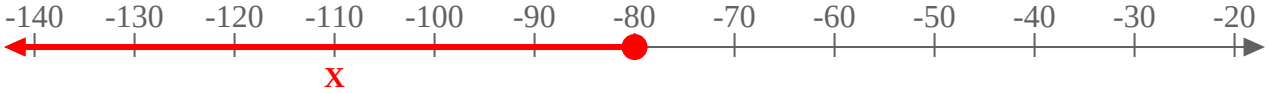
Benutze den Zahlenstrahl, um die Ungleichheit darzustellen.

Bsp) $X \leq 170$

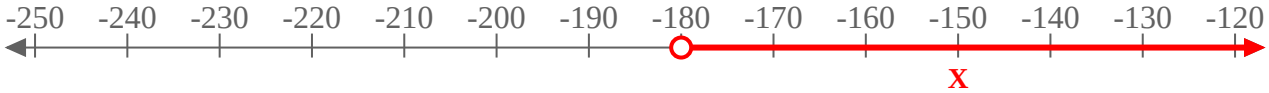


1) $X \leq 20$

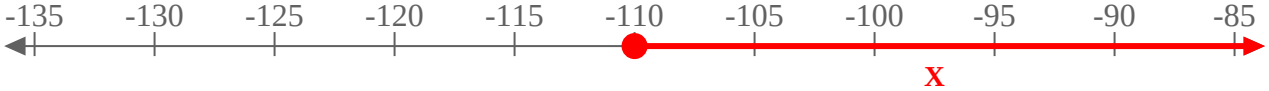
2) $X \leq -80$



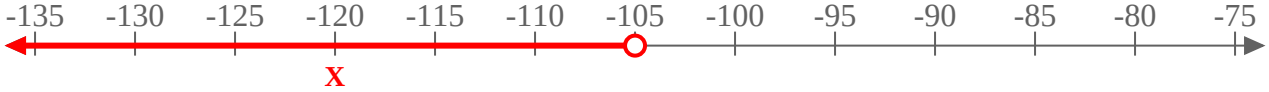
3) $X > -180$



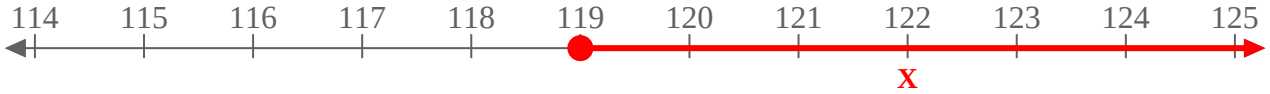
4) $X \geq -110$



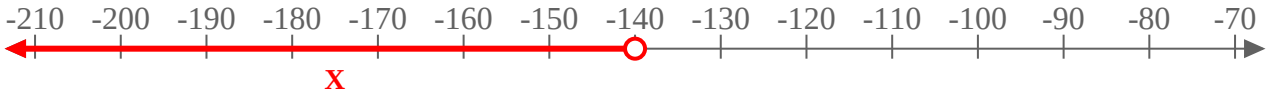
5) $X < -105$



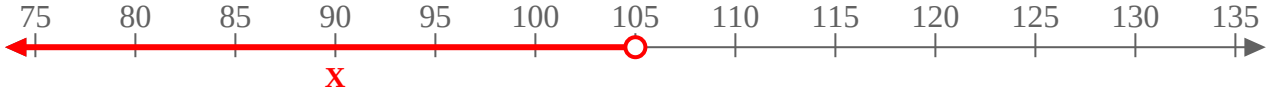
6) $X \geq 119$



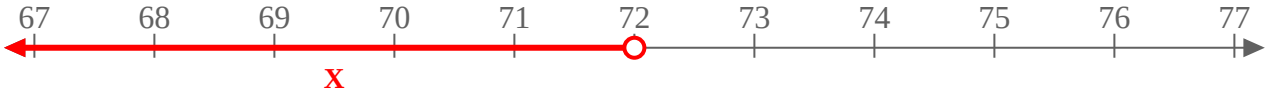
7) $X < -140$



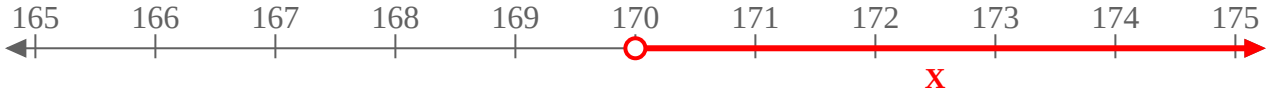
8) $X < 105$



9) $X < 72$



10) $X > 170$



11) $X \leq 76$

12) $X \geq -78$

13) $X \geq -180$

1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							