Ungleichheiten auf einem Zahlenstrahl

Name:

Benutze den Zahlenstrahl, um die Ungleichheit darzustellen.

Bsp) $X \geq 20$

-40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90

1) $X \geq -10$

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

2) $X \leq -30$

-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40

3) $X < 160$

125 130 135 140 145 150 155 160 165 170 175 180 185 190 195

4) $X \leq 152$

147 148 149 150 151 152 153 154 155 156 157 158

5) $X \leq -15$

-50 -45 -40 -35 -30 -25 -20 -15 -10 -5 0 5 10

6) $X \geq 86$

80 81 82 83 84 85 86 87 88 89 90 91

7) $X \geq 140$

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

8) $X < -80$

-87 -86 -85 -84 -83 -82 -81 -80 -79 -78 -77 -76 -75 -74 -73

9) $X < 170$

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

10) $X < -58$

-65 -64 -63 -62 -61 -60 -59 -58 -57 -56 -55 -54 -53 -52 -51

11) $X > 42$

35 36 37 38 39 40 41 42 43 44 45 46 47

12) $X > -50$

-100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10

13) $X \geq -60$

-120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10

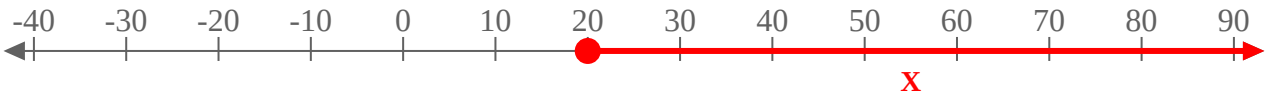
1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Ungleichheiten auf einem Zahlenstrahl

Name: **Lösungsschlüssel**

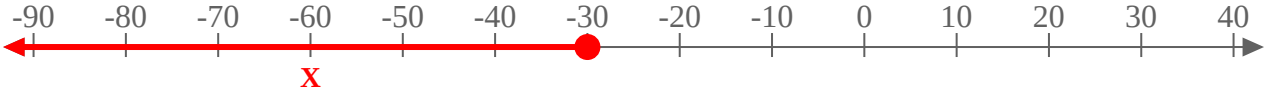
Benutze den Zahlenstrahl, um die Ungleichheit darzustellen.

Bsp) X ≥ 20

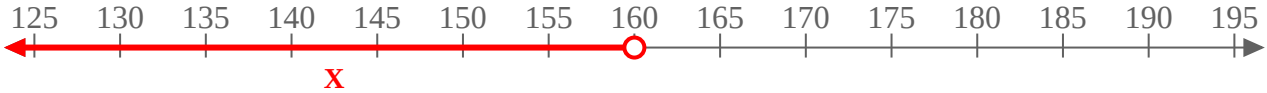


1) X ≥ -10

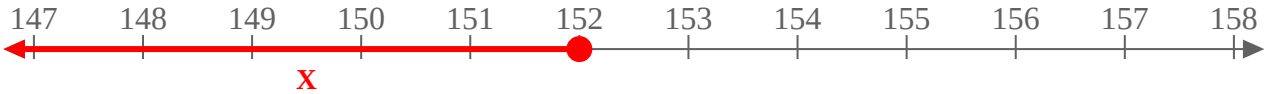
2) X ≤ -30



3) X < 160



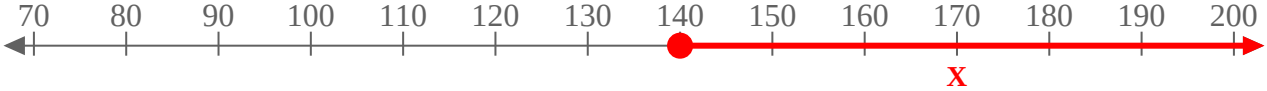
4) X ≤ 152



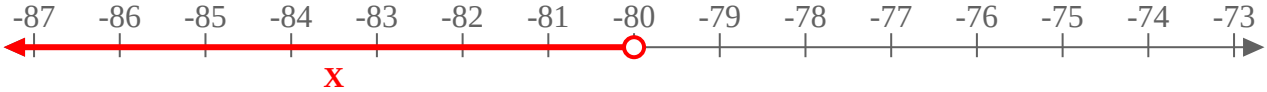
5) X ≤ -15

6) X ≥ 86

7) X ≥ 140

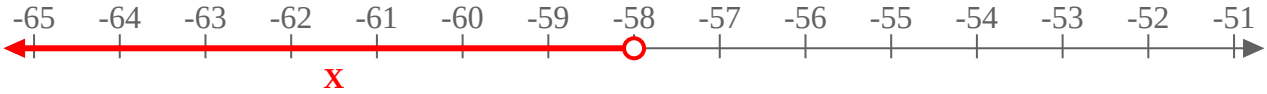


8) X < -80



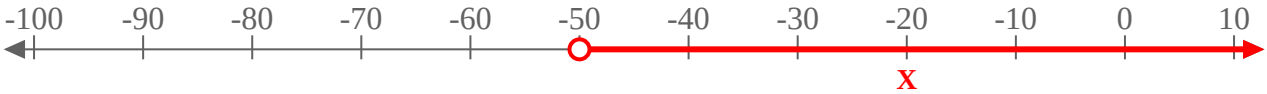
9) X < 170

10) X < -58

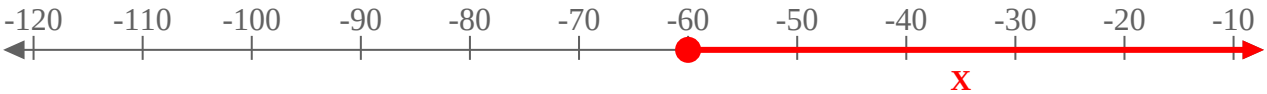


11) X > 42

12) X > -50



13) X ≥ -60



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