Expressing Inequalities on a Numberline

Name:

Use the numberline to express the inequality.

Ex) X > 155

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

1) X ≥ 170

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

2) X > -50

-120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20

3) X < -120

-170 -160 -150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50

4) X ≥ 33

26 27 28 29 30 31 32 33 34 35 36 37 38 39

5) X < -200

-270 -260 -250 -240 -230 -220 -210 -200 -190 -180 -170 -160 -150

6) X > -115

-140 -135 -130 -125 -120 -115 -110 -105 -100 -95 -90 -85 -80

7) X > 65

35 40 45 50 55 60 65 70 75 80 85 90 95

8) X ≥ 65

35 40 45 50 55 60 65 70 75 80 85 90 95 100

9) X < -60

-110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0

10) X < -171

-178 -177 -176 -175 -174 -173 -172 -171 -170 -169 -168 -167 -166 -165

11) X ≥ 60

0 10 20 30 40 50 60 70 80 90 100 110 120 130

12) X ≥ -82

-87 -86 -85 -84 -83 -82 -81 -80 -79 -78 -77

13) X ≤ -3

-8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3

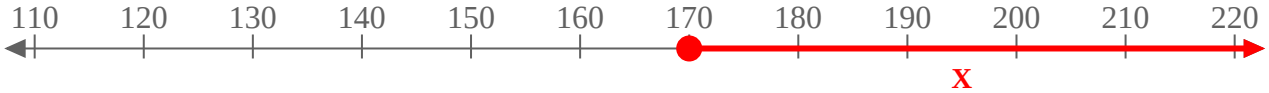
1-10	92	85	77	69	62	54	46	38	31	23
11-13	15	8	0							

Expressing Inequalities on a Numberline Name: **Answer Key**

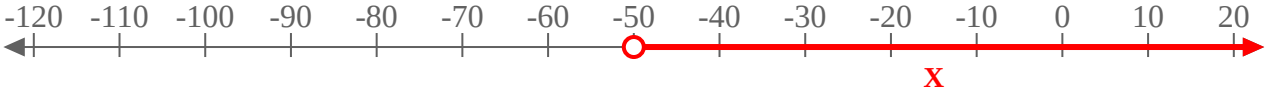
Use the numberline to express the inequality.

Ex) X > 155

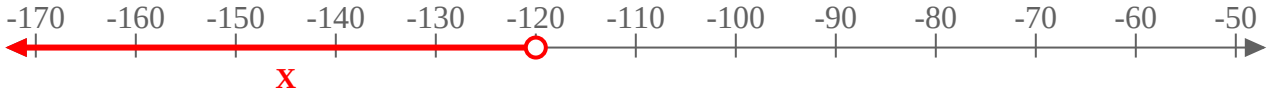
1) X ≥ 170



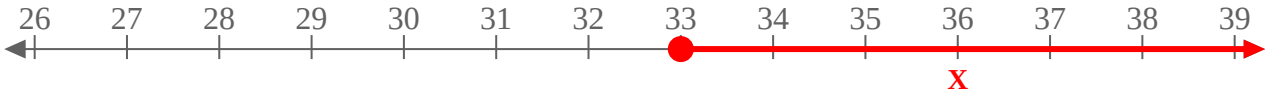
2) X > -50



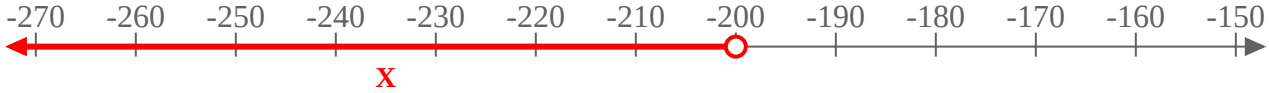
3) X < -120



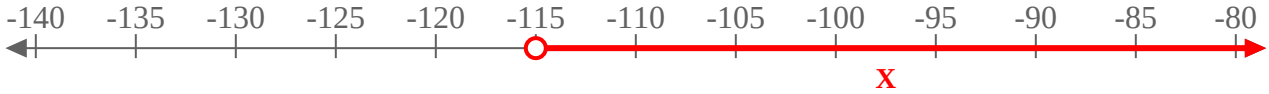
4) X ≥ 33



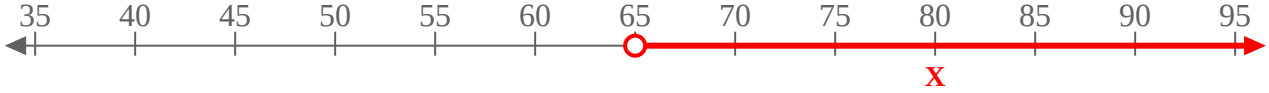
5) X < -200



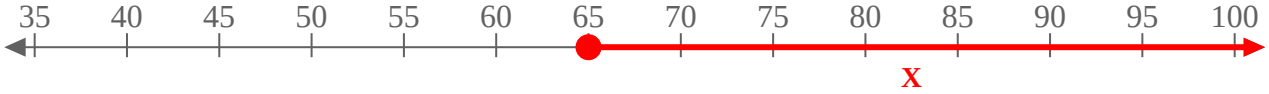
6) X > -115



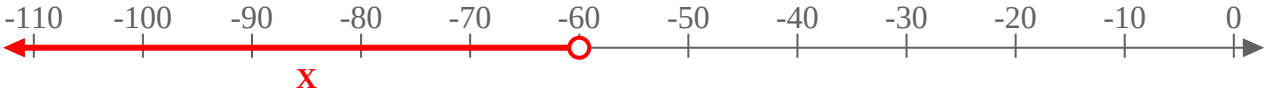
7) X > 65



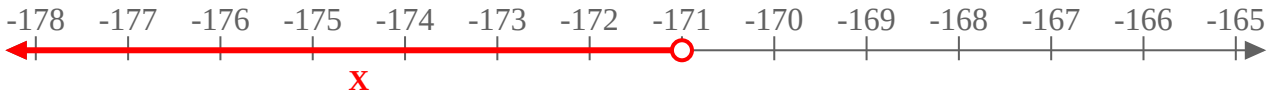
8) X ≥ 65



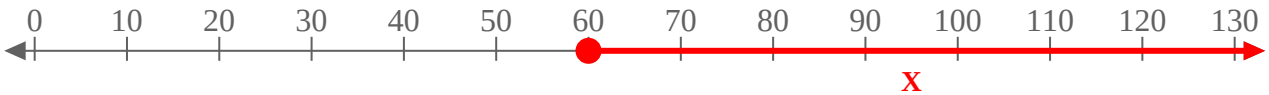
9) X < -60



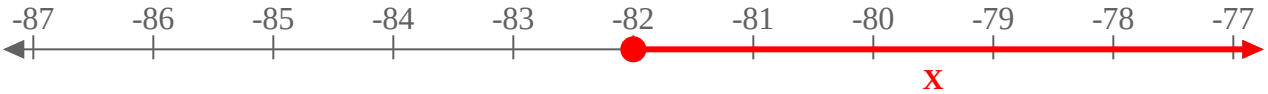
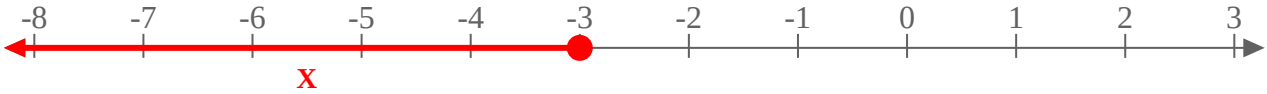
10) X < -171



11) X ≥ 60



12) X ≥ -82



13) X ≤ -3