

## Use the numberline to express the inequality.

Ex) 
$$X \le -190$$
  $\stackrel{-260}{=}$   $-250$   $-240$   $-230$   $-220$   $-210$   $-200$   $-190$   $-180$   $-170$   $-160$   $-150$   $-140$   $-130$   $-120$ 

1) 
$$X \ge -160$$
  $\stackrel{-210}{\blacktriangleleft}$   $\stackrel{-200}{-190}$   $\stackrel{-180}{-190}$   $\stackrel{-170}{-160}$   $\stackrel{-160}{-150}$   $\stackrel{-140}{-130}$   $\stackrel{-120}{-120}$   $\stackrel{-110}{-100}$   $\stackrel{-90}{-90}$ 

2) 
$$55$$
 60 65 70 75 80 85 90 95 100 105 110 115  $X > 85$ 

**4)** 
$$61$$
  $62$   $63$   $64$   $65$   $66$   $67$   $68$   $69$   $70$   $71$   $72$   $73$   $74$   $X > 68$ 

7) 
$$64$$
  $65$   $66$   $67$   $68$   $69$   $70$   $71$   $72$   $73$   $74$   $X < 69$ 

8) 
$$166$$
  $167$   $168$   $169$   $170$   $171$   $172$   $173$   $174$   $175$   $176$   $X < 171$ 

9) 
$$X < -150$$
  $\stackrel{-220}{\blacktriangleleft}$   $\stackrel{-210}{-200}$   $\stackrel{-190}{-190}$   $\stackrel{-180}{-180}$   $\stackrel{-170}{-160}$   $\stackrel{-150}{-150}$   $\stackrel{-140}{-130}$   $\stackrel{-120}{-120}$   $\stackrel{-110}{-100}$   $\stackrel{-90}{-90}$   $\stackrel{-80}{-80}$ 

10) 
$$-67$$
 -66 -65 -64 -63 -62 -61 -60 -59 -58 -57 -56  $X > -62$ 

11) 
$$X < 30$$
  $-20$  -10 0 10 20 30 40 50 60 70 80

12) 
$$X \le -30$$
  $-80$   $-70$   $-60$   $-50$   $-40$   $-30$   $-20$   $-10$  0 10 20 30 40





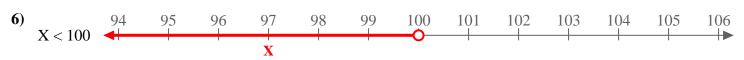
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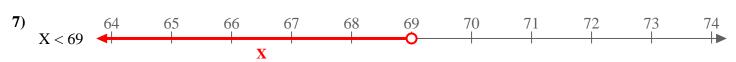


1) 
$$X \ge -160$$
  $\stackrel{-210}{\blacktriangleleft}$   $\stackrel{-200}{-190}$   $\stackrel{-180}{-190}$   $\stackrel{-170}{-160}$   $\stackrel{-160}{-150}$   $\stackrel{-140}{-130}$   $\stackrel{-120}{-120}$   $\stackrel{-110}{-100}$   $\stackrel{-90}{-90}$ 

2) 
$$X > 85$$
  $\stackrel{55}{\blacktriangleleft}$   $\stackrel{60}{+}$   $\stackrel{65}{+}$   $\stackrel{70}{+}$   $\stackrel{75}{+}$   $\stackrel{80}{+}$   $\stackrel{85}{+}$   $\stackrel{90}{+}$   $\stackrel{95}{+}$   $\stackrel{100}{+}$   $\stackrel{105}{+}$   $\stackrel{110}{+}$ 

5) 
$$X \ge -145$$
  $\stackrel{-170}{\blacktriangleleft}$   $\stackrel{-165}{\longleftarrow}$   $\stackrel{-160}{\longleftarrow}$   $\stackrel{-155}{\longleftarrow}$   $\stackrel{-150}{\longleftarrow}$   $\stackrel{-145}{\longleftarrow}$   $\stackrel{-140}{\longleftarrow}$   $\stackrel{-135}{\longleftarrow}$   $\stackrel{-130}{\longleftarrow}$   $\stackrel{-125}{\longleftarrow}$   $\stackrel{-120}{\longleftarrow}$   $\stackrel{-115}{\longleftarrow}$ 









12) 
$$X \le -30$$
  $-80$   $-70$   $-60$   $-50$   $-40$   $-30$   $-20$   $-10$  0 10 20 30 40