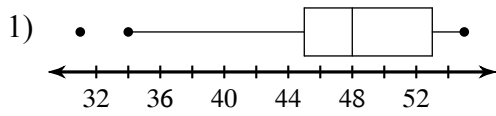


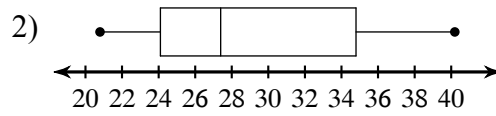
## Answers to #7.2and3b



3) Mode = 17, Median = 16.5 and Mean = 15.94

5) Median = 34.3, Mean = 33.25, IQR = 6 and  $s = 3.36$

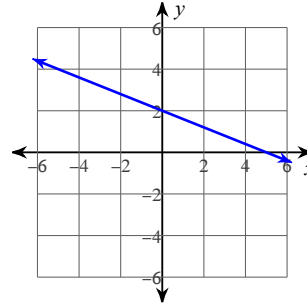
7)  $\{-18\}$                       8)  $\{8\}$



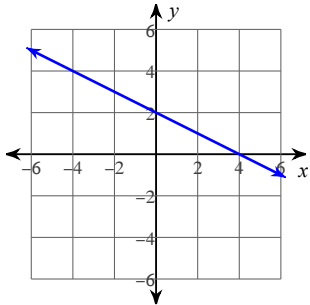
4) Mode = 7, Median = 7 and Mean = 7.38

6) Median = 5, Mean = 5.55, IQR = 2 and  $s = 1.37$

9)



10)



11)  $b < 3$  :

12)  $-2 < k \leq 5$  :

13)  $y = -3x - 5$

14)  $y = -\frac{5}{2}x - 4$

15)  $(2, -2)$

16)  $(4, 2)$

17)  $\frac{1}{2}$

18) 2

19)  $y = 31 \cdot 1.12^x$

20)  $y = 73207 \cdot 0.92^3$