Pre-Algebra Homework #17 – Answer Key
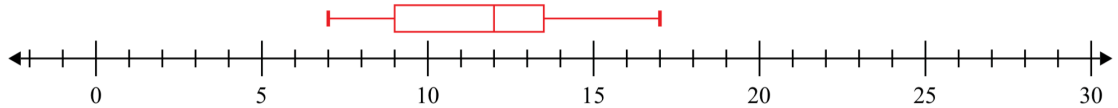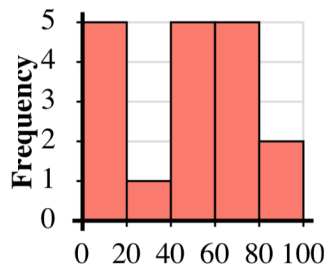
1) Quadrilateral: A= 40 P= 26
   Triangle: A= 96 P=45
   Circle: A= $20.25\pi \approx 63.585$ P= $9\pi \approx 28.26$

2)

3) Area = 28 Perimeter = 28

4)

5) 8.11

6)
   a. 25 and 30
   b. 3
   c. 20
   d. Bar 2

7) Quadrilateral: A= 14 P= 18
   Triangle: A= 3 P=13
   Circle: A= $196\pi \approx 615.44$ P= $28\pi \approx 87.92$

8) Area = 34   Perimeter = 27

9) L = 7

10) Quadrilateral: A= 37.774 P= 24.06
Triangle: A= 142.5 P= 49
Circle: A= $90.25\pi \approx 283.385$ P= $19\pi \approx 59.66$

11) Area = 40   Perimeter = 30

12) X=5.3

13) Quadrilateral: A= 72 P= 34
Triangle: A= 40 P= 30
Circle: A= $144\pi \approx 452.16$ P= $19\pi \approx 59.66$

14) Area = 22   Perimeter = 24

15) L=8

16) 5 feet

17) Quadrilateral: A= 64 P= 32
Triangle: A= 150 P= 60
Circle: A= $\pi \approx 3.14$ P= $2\pi \approx 6.28$

18) Area = 60   Perimeter = 34

19) X=4.35

20) 28 feet
21) 3 miles