

Find the mean, median, and mode of each data set.

2. $\{5, 7, 4, 7, 6, 7\}$

3. $\{2, 4, 4, 6, 6, 6, 7, 8\}$

4. $\{10, 14, 18, 22, 26\}$

5. Find the expected value of the prize.

Prize Giveaway						
Value	\$0	\$1	\$5	\$20	\$100	\$1000
Probability	0.9359	0.05	0.01	0.003	0.001	0.0001

Make a box-and-whisker plot of the data. Find the interquartile range.

6. $\{3, 5, 2, 2, 8, 9, 1, 11\}$



7. $\{2, 4, 1, 4, 2, 2, 7, 4\}$



8. $\{33, 34, 31, 27, 22\}$



Find the mean, median, and mode of each data set.

13. $\{4, 16, 25, 9, 36, 49\}$

14. $\{1, 7, 7, 2, 3, 14, 127, 8\}$

15. $\{5, 10, 15, 20, 25\}$

Three Coins Are Tossed				
Number of Heads	0	1	2	3
Probability	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{1}{8}$

16. Find the expected number of heads.

Make a box-and-whisker plot of the data. Find the interquartile range.

17. {12, 15, 12, 6, 18, 29}



18. {2, 2, 3, 8, 2, 8, 2, 42}



19. {3, 4, 3, 1, 2}



Estimation Use the box-and-whisker plots for Exercises 31–34.

31. Which player hit the most home runs in a season? By approximately how many home runs did he do so?

32. Which player had the greater median number of home runs? Estimate how much greater.

