

MCAS MIXER



1 The Riverside Amusement Park randomly surveyed 16 guests to find their wait time for a ride. What is the median wait time for the ride?

Wait Time (in Minutes)
5, 8, 17, 9, 12, 17, 35, 22, 12, 15, 24, 8, 17, 7, 50, 29

- A. 22 B. 18 C. 16 D. 15

7.D.2

2 The stem-and-leaf plot below shows DM Video's DVD sales each day.

DVD sales	
3	5 5 6 7 7
4	0 0 5 6 6 9
5	1 1 6 6 6 8

Key	
3 7	represents 37

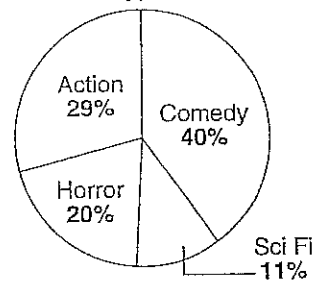
If the store's goal is to sell more than 40 DVDs each day, how many days did DM Video beat the goal?

- A. 7 C. 12
B. 10 D. 13

7.D.1

3 Hina did a survey of 35 classmates to find out their favorite type of movie. The graph below shows the results of her survey.

Favorite Type of Movie



About how many students favorite genre of movies is action?

- A. 29 C. 11
B. 15 D. 10

7.D.1

4 The list below shows the daily high temperatures for Boston, Massachusetts.

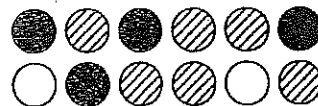
94, 95, 100, 102, 102, 100, 90

What is the range of daily high temperatures for Boston?

- A. 6 C. 18
B. 12 D. 24

7.D.2

5 CJ has a bag of 12 colored marbles.



What is the probability of CJ randomly picking a black marble?

- A. $\frac{1}{2}$ C. $\frac{1}{6}$
B. $\frac{1}{3}$ D. $\frac{1}{12}$

7.D.3