

7.D.1 Quiz 1 Std: 7.D.1

1. The following are basketball scores per game of a team: 43, 55, 33, 41, 52, 47. What is the median score?

A 33
B 45
C 50
D 55

Level 3

Std: 7.D.1

2. The table shows the how much rain per month in a town for the first semester. Find the mean.

Month	Amount of rain (in)
January	25
February	22
March	17
April	28
May	15
June	10

A 17.5
B 19.5
C 21.5
D 23.5

Level 3

Std: 7.D.1

3. The circle graph below shows the result of a survey for favorite drink. 800 people were interviewed. How many people choose water as their favorite drink.

A 100
B 200
C 300
D 400

Favorite Drinks

Drink	Percentage
Water	37.5%
Coca-Cola	25%
Dr. Pepper	25%
Other	12.5%

Level 3

Std: 7.D.1

4. The circle graph below displays the number of hours spent at certain tasks for a job. The group were observed for 500 work hours. How much time was spent on "Concept"

A 110hrs
B 50hrs
C 125hrs
D 22hrs

Software Development

Task	Percentage
Concept	22%
Programming	25%
Pseudo Programming	15%
Software Testing and debugging	15%
Brainstorming	10%
Alpha Testing	5%
Quality of life adjustments	8%

Level 3

Std: 7.D.1

5. Use the line plot to find the mode.

A 20
B 40
C 50
D 70

Test Score	Frequency (Number of X's)
20	1
30	2
40	3
60	2
70	4
80	2
90	1
100	1

Test Scores

Level 3

Std: 7.D.1

6. Julio had a mean of 75% for the four tests he took. What does he have to score in his next test to have a mean score of 80% for all five tests?

A 75
B 80
C 90
D 100

Level 3

7.D.2 Quiz 1 Std: 7.D.2

1. A six sided cube is rolled 60 times. How many times should you expect to roll a 5?

A 5
B 10
C 20
D 25

Level 3

Std: 7.D.2

2. Vargas wants to conduct a survey with the question "What is your favorite non-domestic animal". Which of the following methods would be the best?

A. Ask people as they come through the lion exhibit at the zoo.
B. Ask every 5th person as they come through the lion exhibit at the zoo.
C. Ask 30 people at the entrance of the zoo.
D. Ask 30 people at the bears showing entrance.

Level 3

Std: 7.D.2

3. The line plot shows the results of 20 rolls of a 6 sided die. What is the probability that a 2 was rolled?

A 20%
B 40%
C 50%
D 70%

Level 3

Std: 7.D.2

4. The spinner below has 5 congruent sections. Find the probability of spinning an odd number.

A 12.5%
B 33.3%
C 60%
D 66.6%

Level 3

Std: 7.D.2

5. The spinner below has 5 congruent sections. Find the probability of not spinning a 5?

A 12.5%
B 33.3%
C 60%
D 80%

Level 3

7.D Standard Quiz Std: 7.D.1

1. The following are basketball scores per game of a team: 22, 44, 33, 27, 45, 49, 32, 15. What is the median score?

A 32.5
 B 33
 C 33.5
 D 34

Level 3

Std: 7.D.1

2. The table shows how much rain per month in a town for the first semester. Find the mean.

Month	Amount of rain (in)
January	8
February	6
March	12
April	22
May	32
June	25

A 17.5
 B 19.5
 C 21.5
 D 23.5

Level 3

Std: 7.D.1

3. The circle graph below shows the result of a survey for favorite drink. 1200 people were interviewed. How many people choose "Coca-Cola" as their favorite drink.

A 100
 B 200
 C 300
 D 400

Favorite Drinks

Level 3

Std: 7.D.1

4. The circle graph below displays the number of hours spent at certain tasks for a job. The group were observed for 500 work hours. How much time was spent on "Alpha Testing"

A 110hrs
 B 50hrs
 C 125hrs
 D 25hrs

Software Development

Level 3

Std: 7.D.1

5. Use the line plot to find the mode.

A 20
 B 40
 C 50
 D 70

Test Scores

Level 3

Std: 7.D.1

6. Julio had a mean of 80% for the four tests he took. What does he have to score in his next test to have a mean score of 82% for all five tests?

A 75
 B 80
 C 90
 D 100

Level 3

Std: 7.D.1

7. The following data set has a mean of 7 and a median of 5.
5, 9, 5, 10, 11, 5, 4

If the number 7 is added to the set, which statement is true?

A The mean will increase by 1
B The mean will decrease by 1
C The median will increase by 1
D The median will decrease by 1

Level 3

Std: 7.D.2

8. A six sided cube is rolled 90 times. How many times should you expect to roll a 2 or a 3?

A 5
B 10
C 20
D 30

Level 3

Std: 7.D.2

9. Vivian wants to conduct a survey seeking information about music genre. Which is the best method for her to conduct her survey?

A. Ask 30 people at Justin Bieber's concert.
B. Ask her friends.
C. Ask the students in her classical music history class.
D. Ask 30 random people at lunch.

Level 3

Std: 7.D.2

10. The line plot shows the results of 30 rolls of a 6 sided die. What is the probability that a 5 was rolled?

A 10%
B 20%
C 30%
D 40%

Level 3

Std: 7.D.2

11. The spinner below has 5 congruent sections. Find the probability of a multiple 3?

A 12.5%
B 20%
C 40%
D 60%

Level 3

Std: 7.D.2

12. The spinner below has 5 congruent sections. Find the probability of spinning a prime number?

A 12.5%
B 33.3%
C 60%
D 80%

Level 3

Standard Quiz	Question Number Followed by the Answer											
7.N.1Quiz1	1.B	2.D	3.B	4.B	5.D	6.D						
7.N.2Quiz1	1.C	2.D	3.B	4.D	5.B	6.D	7.A	8.A				
7.N.2Quiz2	1.C	2.A	3.D	4.B	5.D							
7.N.Quiz	1.A	2.B	3.D	4.A	5.C	6.C	7.A*	8.B*	9.A	10.C	11.C	12.C
7.A.1Quiz1	1.C	2.A	3.C	4.A	5.B	6.D						
7.A.2Quiz1	1.A	2.D	3.C	4.A	5.C	6.A	7.A	8.C				
7.A.3Quiz1	1.A	2.D	3.D	4.D	5.A							
7.A.4Quiz1	1.A	2.C	3.B	4.B	5.B							
7.A.Std.Quiz	1.C	2.A	3.C	4.B	5.C	6.A	7.B	8.D	9.B	10.B	11.D	12.B
7.GM.1Quiz1	1.C	2.D	3.A	4.B	5.A							
7.GM.2Quiz1	1.A	2.C	3.D	4.B								
7.GM.3Quiz1	1.D	2.B	3.A	4.C	5.A	6.B						
7.GM.4Quiz1	1.D	2.A	3.A	4.B	5.C	6.D	7.C	8.A	9.C	10.A		
7.GM.Std.Quiz	1.D	2.B	3.B	4.D	5.C	6.D	7.A	8.B	9.C	10.A	11.C	12.A
7.D.1Quiz1	1.B	2.B	3.C	4.A	5.D	6.D						
7.D.2Quiz1	1.B	2.C	3.A	4.C	5.D							
7.D.Std.Quiz	1.A	2.A	3.C	4.D	5.B	6.C	7.C	8.D	9.D	10.A	11.B	12.C
Standard Test	1.B	2.B	3.C	4.C	5.A	6.C	7.C	8.A	9.B	10.D	11.C	12.A
	13.D	14.C	15.A	16.C	17.C	18.D	19.C	20.A	21.A	22.D	23.D	24.A
	25.C	26.B	27.B	28.D	29.C	30.D	31.B	32.D	33.B	34.D	35.D	36.B
	37.C	38.A	39.D	40.D	41.D	42.C						