

7.1 Puzzle Time

How Do You Measure Poison Ivy?

Write the letter of each answer in the box containing the exercise number.

Use the tables to find the mean and the MAD.

1. Find the mean of the data. **(4)**

Strikes During a Bowling Game			
3	2	6	9
2	7	3	0

2. Find the range of the data.

$9 - 0 = 9$

3. Find the mode of the data. **(63)**

Scores on a Test (percent)				
63	70	95	88	84
59	76	92	63	90

4. Find the interquartile range of the data. $90 - 63 = 27$

5. Find the median of the data.

Library Patrons			
124	120	140	165
147	156	141	207

6. Find the range of the data. $207 - 120 = 87$

7. Find the mean of the data. $324 \div 6 = 54$

Prices of Skateboards (dollars)					
44	63	24	99	58	36

8. Find the median of the data. **(51)**

Answers
Y. 51
H. 63
C. 87
I. 4
S. 27
T. 54
E. 9
B. 144

5	8		1	7	6	3	2	4
B	Y		I	T	C	H	E	S

1. mean: $32 \div 8 = 4$

4. 59, 63, $\boxed{63}$, 70, $\boxed{76 \mid 84}$, 88, $\boxed{90}$, 92, 95
 Q_1 80 Q_3

$90 - 63 = 27$

5. 120, 124, 140 $\boxed{141 \mid 147}$ 156 165 207
 144

7. $44 + 63 + 24 + 99 + 58 + 36$

$324 \div 6 = 54$

8. 24 36 $\boxed{44 \mid 58}$ 63 99
 51