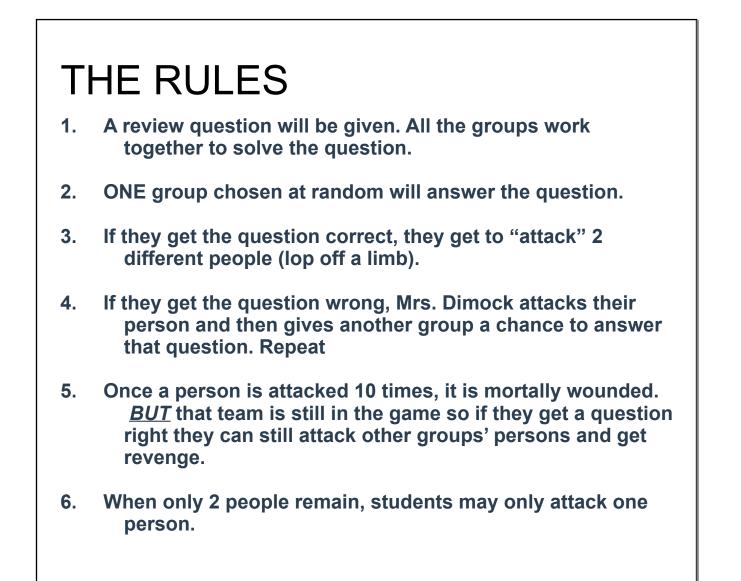
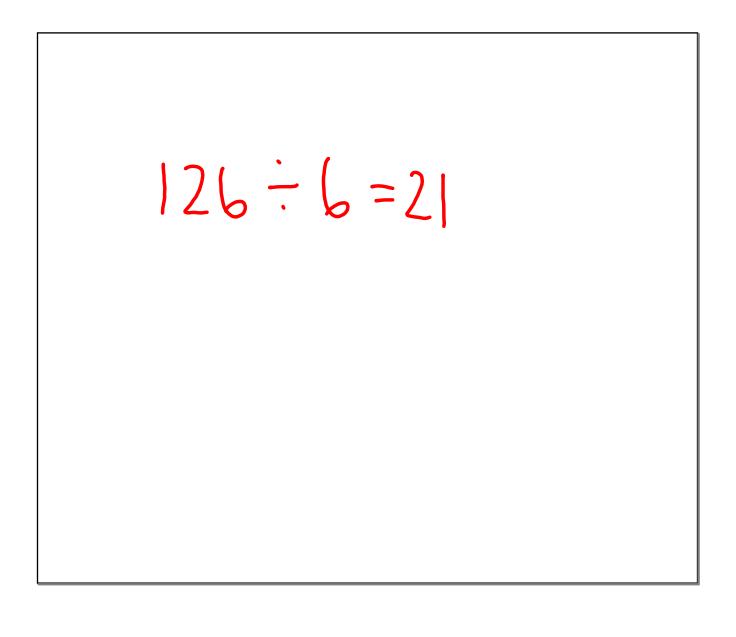
## Math Attack

A review of chapters 11 and 12 in which you destroy your enemies.



## Question 1 Determine the mean of the following data set {22, 18, 38, 6, 24, 18}.

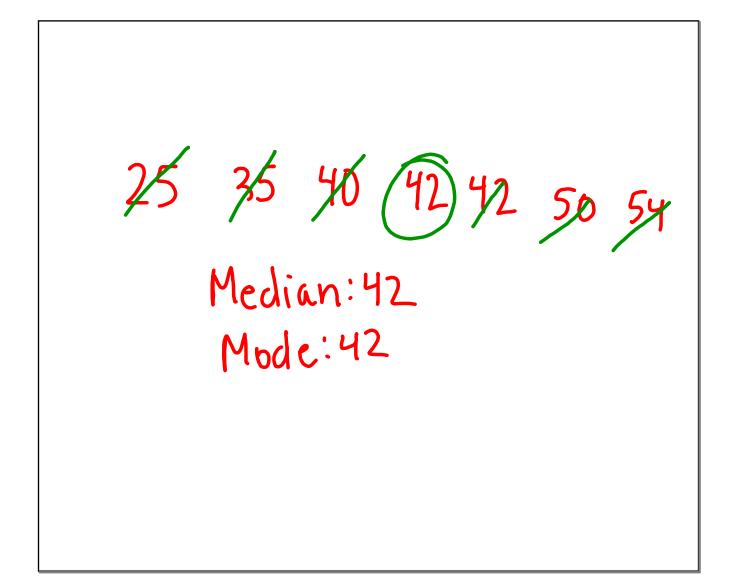
June 6, 2019



# Find the median and mode for the set of data

# heights of buildings in feet: 35, 42, 40, 25, 42, 54, 50

June 6, 2019



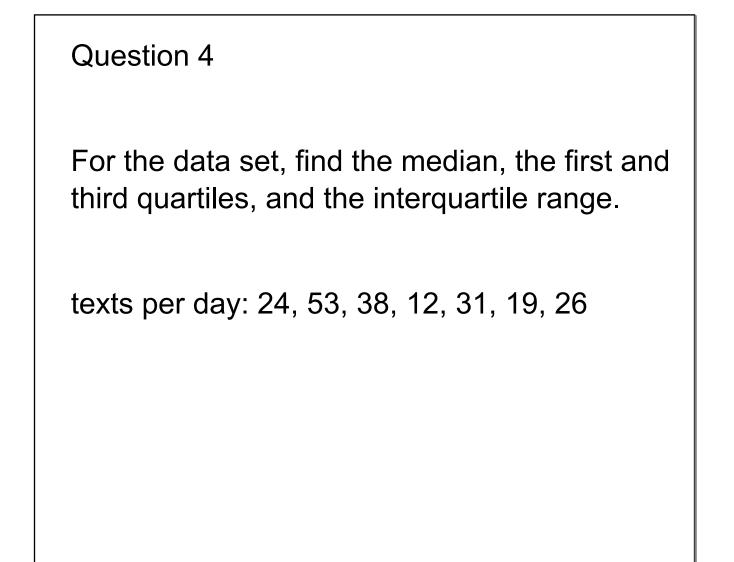
Daily Exercise	Minutes
Pull-ups	8 8
Push-ups	
Running	<sup>38</sup> <b>3 6</b>
Sit-ups	? ?
Weightlifting	20 20

The table shows the number of minutes spent doing different exercises. The mean time spent exercising

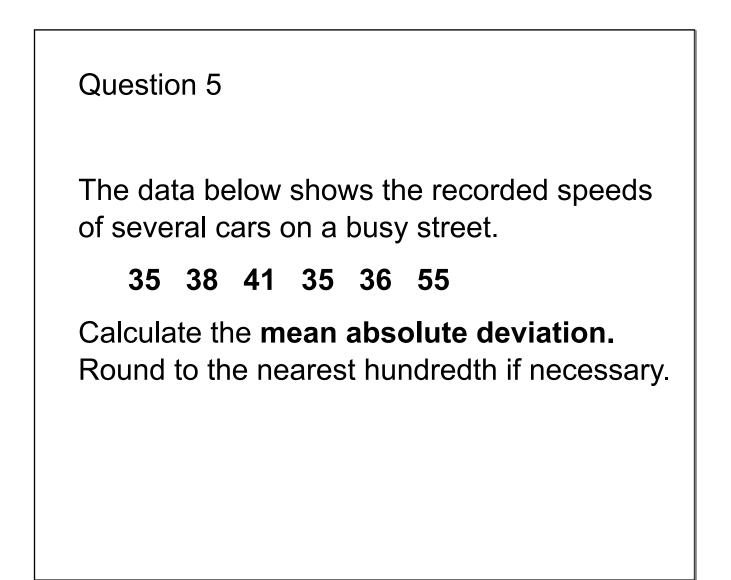
was 18.2 minutes.

#### How many minutes were spent doing sit ups?

Г



12 (19) 24 26 31 38 53 Median: 26  $Q_3$ : 38 Q1:19 1QR: 38-19=19



$$35 + 38 + 41 + 35 + 36 + 55 = 240 \div 6 = 40$$
  

$$5 + 2 + 1 + 5 + 4 + 15$$
  

$$\frac{32}{6} = 5.3 \approx 5.33 \text{ mph}$$
  

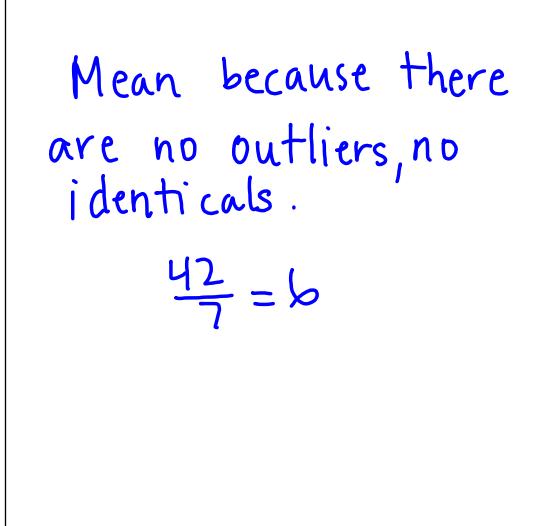
$$5.3333$$

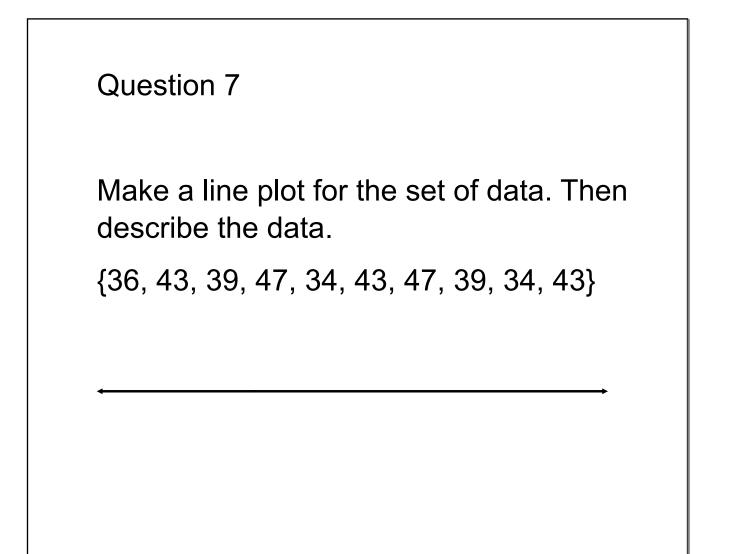
The number of songs downloaded per month by a group of friends were

8, 12, 6, 4, 2, 0, and 10.

1. Find the measure of center that best represents the data.

2. Justify your selection then find the measure of center.

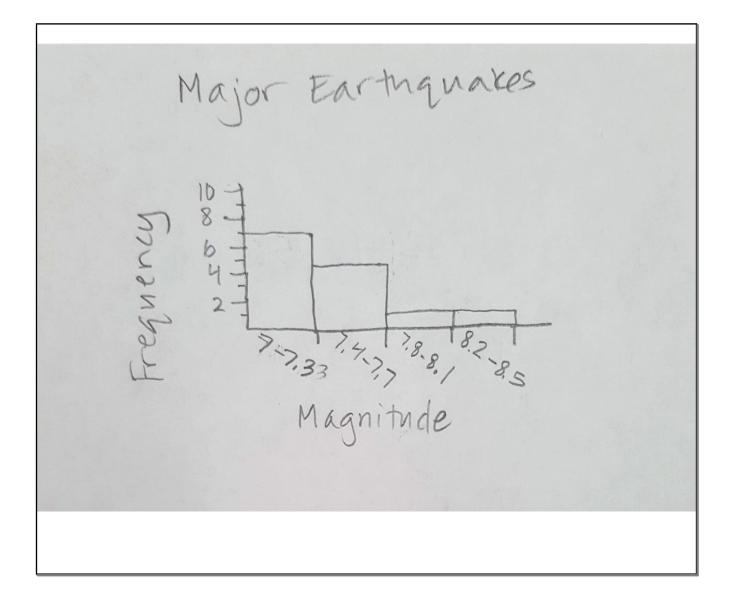


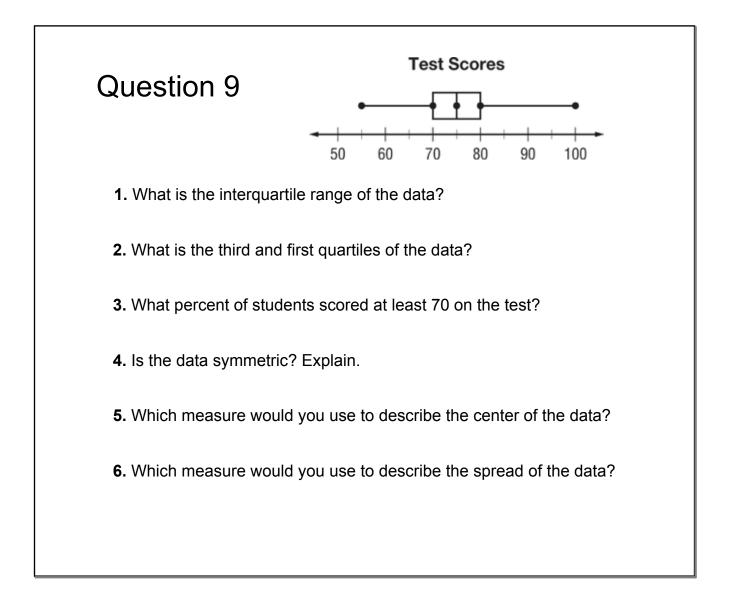


$$\frac{x}{x}, \frac{x}{x}, \frac$$

Major Earthquakes		
Magnitude	Frequency	
7.0 -7.3	7	
7.4 –7.7	5	
7.8 – 8.1	1	
8.2 – 8.5	1	

Draw a histogram to represent the frequency of each interval.





1. 80-70=10 2. Q1=70 Q3=80 3. 70 = 25%, 75% 4. No, the quartiles are equal. But the lower extreme to 1st quartile is less, than the 3pp quartile to upper extreme. (Right side more spread out 5. Median 6. IQRae

June 6, 2019

