

Name _____

Date _____

The Attributes of Data and Units of Measure - Guided Lesson

Complete the following problems:

1) There is a team who has a monthly budget of \$275. The table shows prices of items, they have to buy for daily use.

Date	Number of Items	Total Price of Item Purchased	Average price of one item
25 July	30	\$45	
26 July	50	\$130	
27 July	60	\$108	

- Complete the price of one item column of the chart.
- Find if the expenses exceed the budget and by how much?
- On which day did they buy the most expensive items?

2) Three students on bicycles leave their school building to go home. They have to cover 80 miles. A chart would be used to include all the data necessary for writing an equation.

Student	Miles driven	Time in Minutes	Miles per minute
One	15 miles	4 min	
Two	17 miles	6 min	
Three	16 miles	7 min	

- Complete the miles per minute column of the chart.
- Who will get home first?
- The same three students have to go to a chocolate shop which is 100 miles away from their house. How long will it take the fastest person to get there, if they kept their current pace?



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3) Jordon can burn 200 calories in 20 minutes by walking at a speed of 2 miles per min. Mike can burn 180 calories in 25 minutes by walking at a speed of 4 miles per min.

Student	calories	Time in Minutes	calories per minute
Jordon	200	20 min	
Mike	180	25 min	

a. Who burns calories faster?

b. If Jordon walks 20 minutes, at the same pace, how many calories will he burn?

