1. Jim is cycling at an average speed of 4m/s. He travels a distance, d meters, in t seconds.
2. Write an equation that relates d and t
3. Create a table of values for this relation.
4. C) Graph the data. Should you join the points? Explain your reasoning.
5. Is the relation between distance and time linear?

* How do you know from the table of values?
* How do you know from the graph?

1. How far does Jim travel in 3.5h?
2. What time does it take Jim to travel 17 km?
3. An amusement park charges an admission fee of $10, plus $2 per ride.
4. Choose variables to represent the total cost in dollars and the number of rides that are taken. Write an equation that relates the total cost to the number of rides.
5. Graph the equation.
6. What is the total cost over 7 rides?
7. How many rides can be taken for a total cost of $38?
8. Jim is cycling at an average speed of 4m/s. He travels a distance, d meters, in t seconds.
9. Write an equation that relates d and t
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11. C) Graph the data. Should you join the points? Explain your reasoning.
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