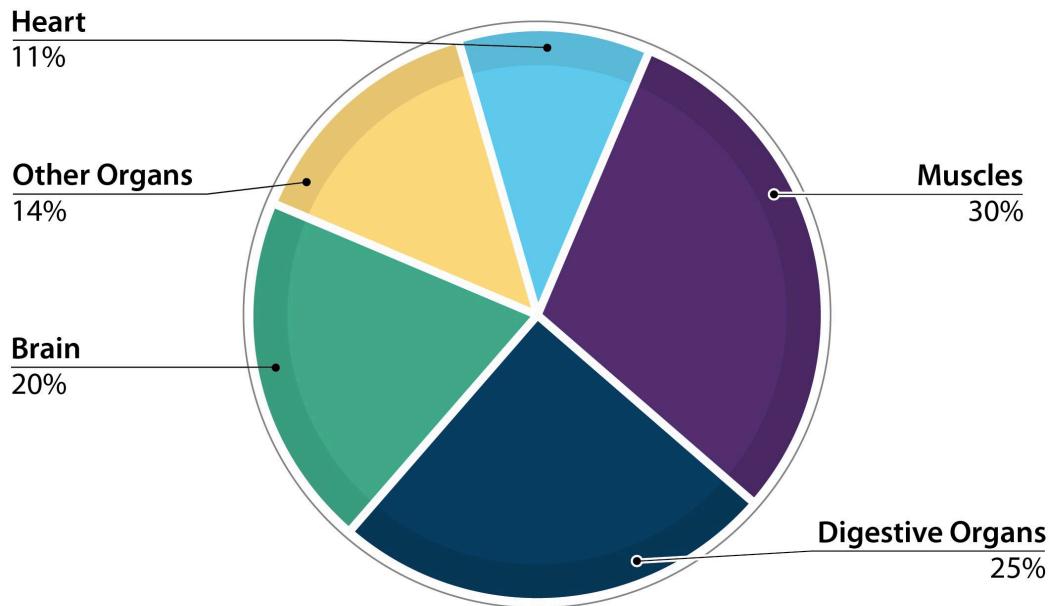


## 7.3.12 Interpreting Activity Data - Part 2

25

1. Draw arrows to parts of the data and write “What I see” (WIS) and “What it means” (WIM) comments. (4 pts)



2. What patterns do you notice? (2 pts)

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3. Why would cells in some organs be consuming more oxygen than cells in other organs? (2 pts)

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4. Do you think these percentages would stay the same when you exercise? (2 pts)

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5. What do you predict would be the effect of exercising on the amount of glucose in our blood? (2 pts)

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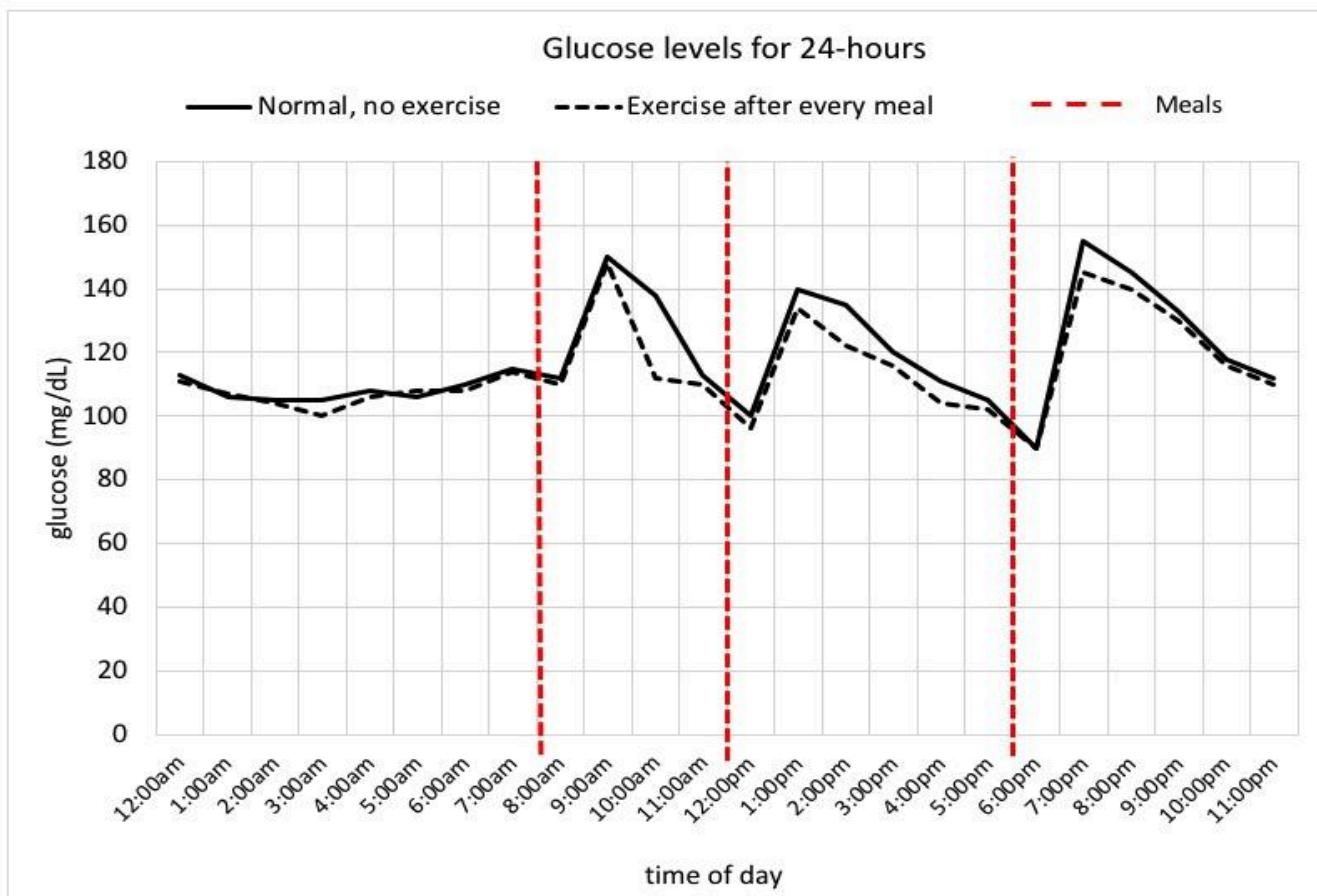
6. What effect do you predict eating would have on glucose levels in our blood? (2 pts)

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### Glucose levels in the blood over 24 hours

7. Write “What I see” and “What it Means” statements for the chart below (2 pts):



8. What happens to the glucose levels in the blood right after a meal? Why does this happen? (2 pts)

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9. What is different about how glucose levels change when you exercise after meals versus when you don't? (2 pts)

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10. What does this tell us happens to the rate at which the chemical reaction between food and oxygen occurs when we exercise? (3 pts)

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11. Why would more of that reaction need to occur when we exercise? (2 pts)

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