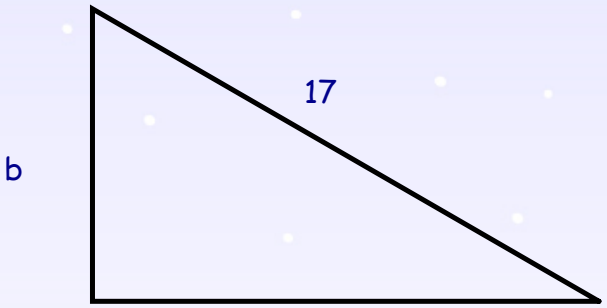
Quiz Prep . . .



Can the following be sides of a right triangle?

5, 8, and 13

Check and share answers to the Dunk Tank Worksheet

Dunk Machine Answers

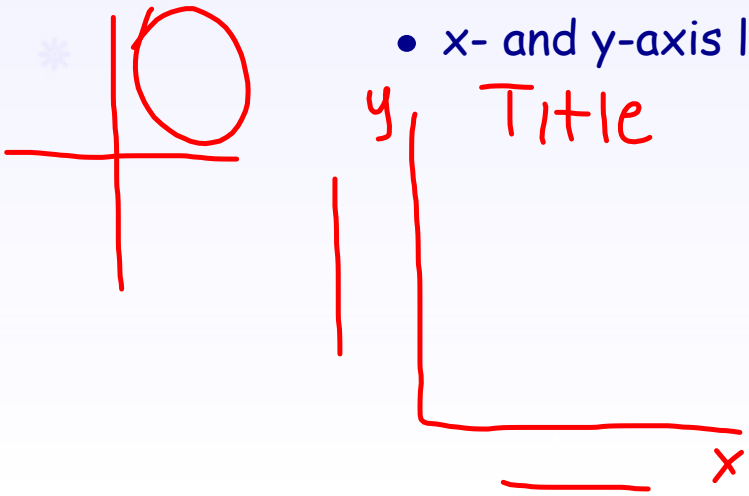
Check Sketch and Match Worksheet

Sketch and Match Solutions

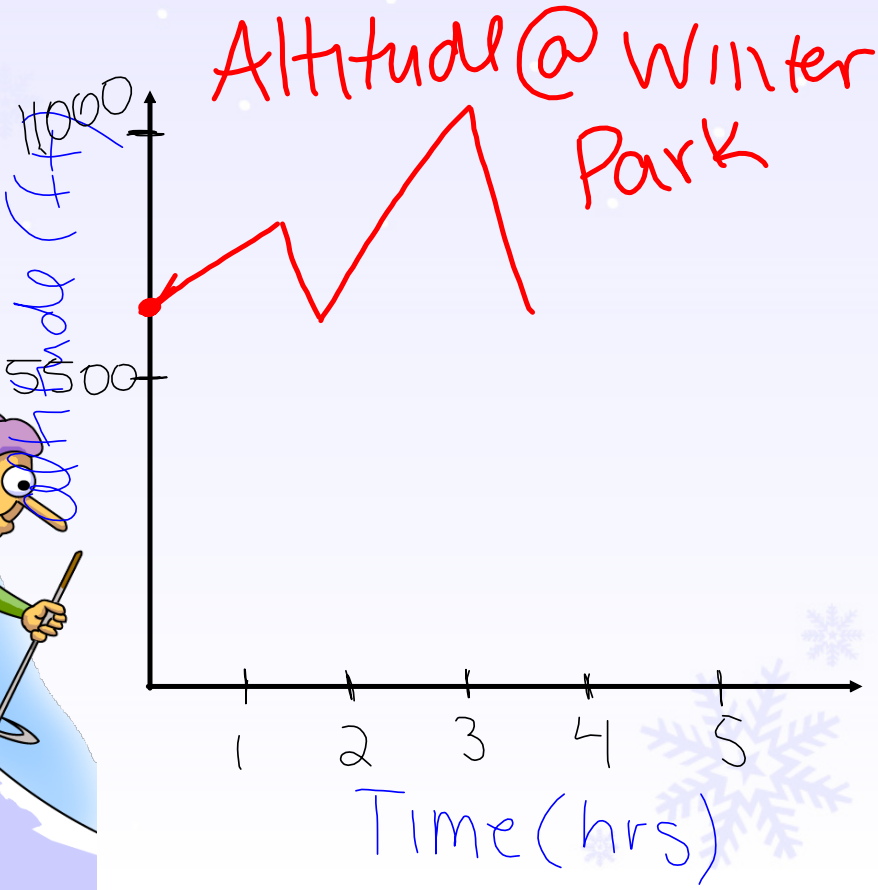
Section 5.1 Again

Graphs must have:

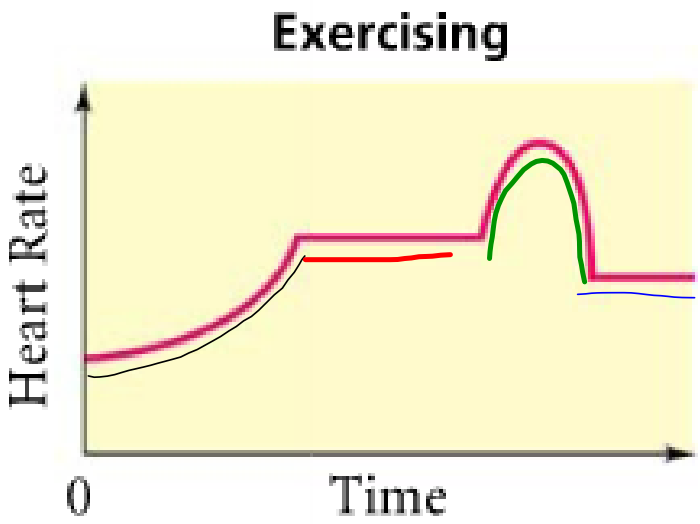
- Title
- x- and y-axis labelled



Sketch a graph of the change in altitude as you ski or snowboard for a day at Winter Park.

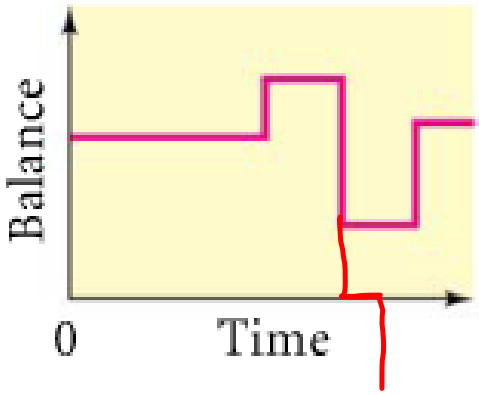


1.

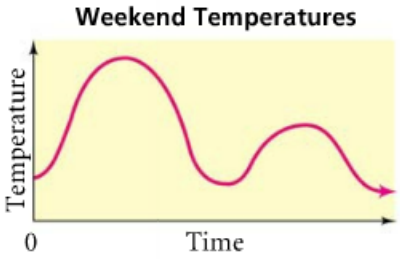


as I continue to exercise my heart rate is increasing. until I reach a steady exercise. I start to sprint I max out my heart & then slow back down to a jog. I walk/stop running

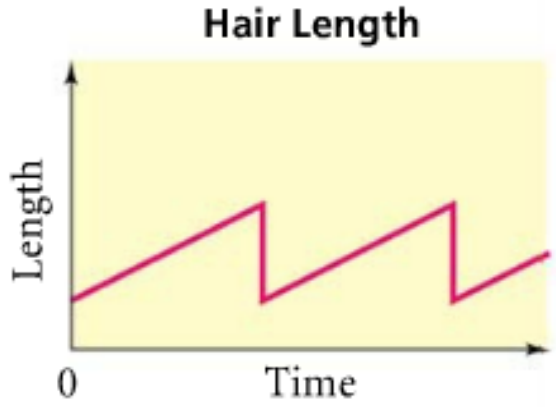
2. Checking Account



3.



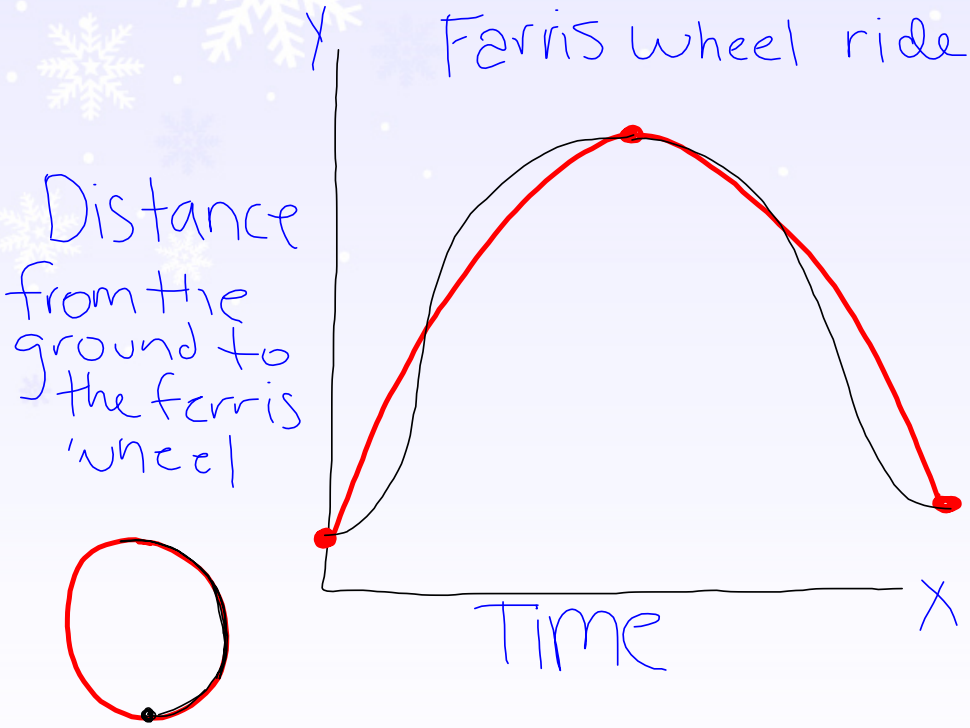
4.



Sketch a graph of each situation. Label each section.

5. hours of daylight over the course of one year

6. your distance from the ground as you ride a Ferris wheel for five minutes

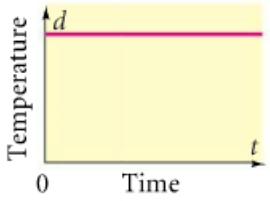


7. your pulse rate as you watch a scary movie

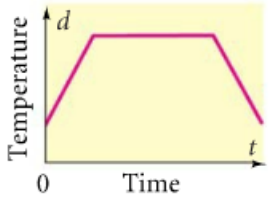
8. your walking speed during five minutes between classes

9. Cooking You turn on your oven to bake a casserole. Which graph best represents the oven temperature over time? Explain your choice.

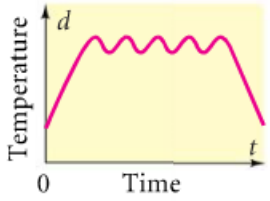
A.



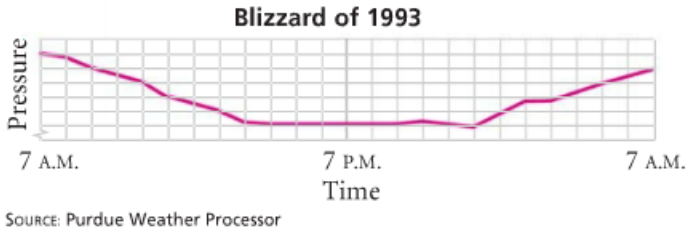
B.



C.



10. Weather The graph shows the barometric pressure in Pittsburgh, Pennsylvania, during a blizzard. Describe what happened to the pressure during the storm.



SOURCE: Purdue Weather Processor

11. Sketch graphs of each situation. Are the graphs the same? Explain.

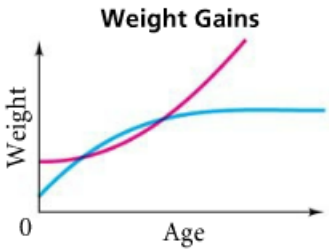
a. Your speed as you travel from the bottom of a ski slope to the top.

b. Your speed as you travel from the top of a ski slope to the bottom.

12. The graph at the left shows the weight of a baby and the weight of a puppy for their first two years.

a. Which curve represents the puppy's weight? The baby's weight?

b. **Writing** Describe the growth patterns of the baby and the puppy.



13. You pour juice into a pitcher like the one shown in the photographs below. You pour the juice at a constant rate. Make a sketch to show the height of juice in the pitcher as you fill it.

Homework:

p. 254 (1 - 9, 16, 18, 26-31

Attachments

Dunk Machine Answers.pdf

Sketch and Match Solutions.pdf