Name _____ Date _____

Students in Study Skills class completed a survey about after school time by tracking the amount of time spent in different after school activities for a week. The teacher combined all the information from her students and produced the following graph.
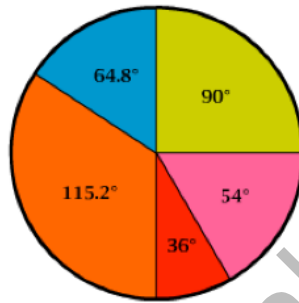
The *homework* section is 1.5 times larger than the *other activities* section. The largest amount of time after school is spent on *sports activities*. The fraction of time spent *watching TV* is 0.07 more than the fraction of time spent *playing video games*.

- What fraction of all after school time is spent on each activity in the graph?
- What percent of after school time does each sector of the graph represent?
- If the average student has 7 hours of after school time before going to bed, what portion of this time is spent on each activity?

Justify your reasoning.

Procedural	0	1	2
Conceptual	0	1	2
Communication	0	1	2

Total points:_____

Performing Math
open-middle performance tasks