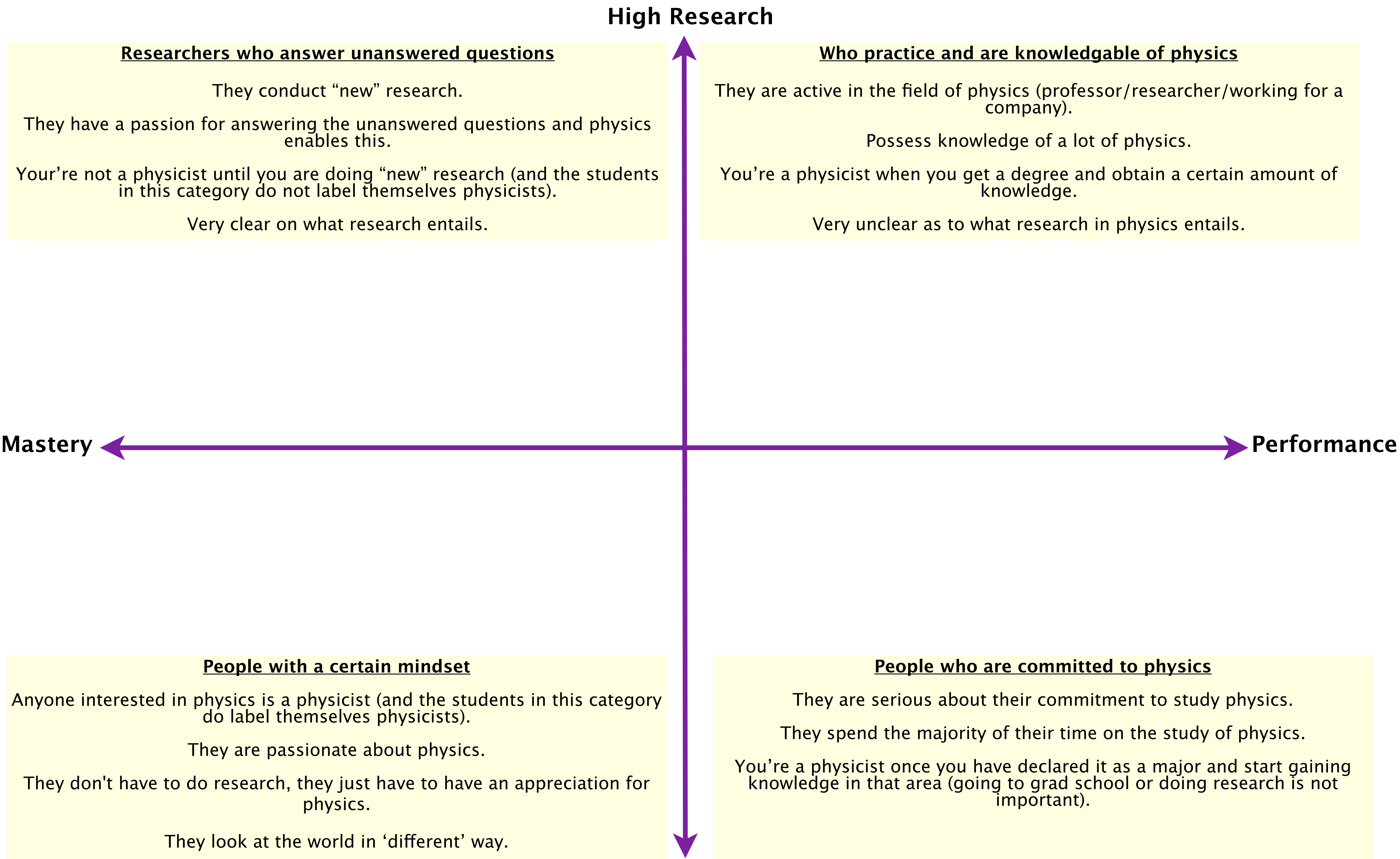


Perceptions of being a physicist.

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Where would you place yourself?



Low Research

RESEARCH CONTEXT

The primary data for this analysis comes from semi-structured interviews with students who were recruited from upper-level physics courses in electromagnetism, mechanics, modern lab and advanced lab at Kansas State University (KSU). We developed a 45 minute semi-structured interview protocol drawing on identity formation,

on identity formation, epistemological sophistication, and metacognition literature. 21 students chose to participate in the study. The interviews were carried out over a two-week period near the end of the second semester. The sample was comprised of 3 female and 18 male interview nterviewees. After the development of

the categories, the students’ transcripts were placed into the most appropriate group. The breakdown of the results was: 8: High Research/Mastery; 7: High Research/Performance; 3: Low Research/Mastery and 3 Low Research/Performance.