The University of the State of New York
REGENTS HIGH SCHOOL EXAMINATION

PHYSICAL SETTING
PHYSICS

Thursday, January 29, 2009 — 1:15 to 4:15 p.m., only

ANSWER BOOKLET

□ Male
Sex: □ Female

Student ____________________________
Teacher ______________________________
School ____________________________ Grade _________

Answer all questions in Part B–2 and Part C. Record your answers in this booklet.

Part B–2

47 Magnitude: ______________________ m
Direction: ______________________

48 Magnitude: ______________________ m/s^2
Direction: ______________________

49

For Raters Only

□ 47
□ 48
□ 49
For Raters Only

Start

End

\[
P
\]
Incident ray

Mirror

Medium A

Medium B
Distance Between Centers

Magnitude of Electrostatic Force

8.0 \times 10^{-19} \text{ C} \quad \text{and} \quad 4.8 \times 10^{-19} \text{ C}