

PHYSICAL SETTING PHYSICS

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

ANSWER BOOKLET

Student..... Sex: Male
 Female
Teacher
School..... Grade

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

Part	Maximum Score	Student's Score
A	35	
B-1	11	
B-2	19	
C	20	
Total Written Test Score (Maximum Raw Score: 85)		<input type="text"/>
Final Score (from conversion chart)		<input type="text"/>
Raters' Initials: Rater 1 Rater 2		

Part B-2

47 Magnitude: _____ m
Direction: _____

48 Magnitude: _____ m/s²
Direction: _____

49

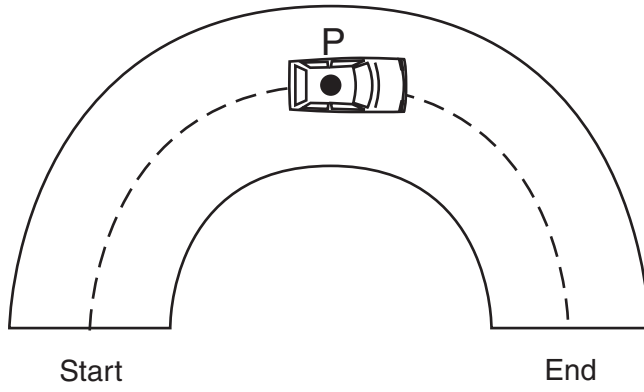
For Raters
Only

47

48

49

50



50

51

51

52

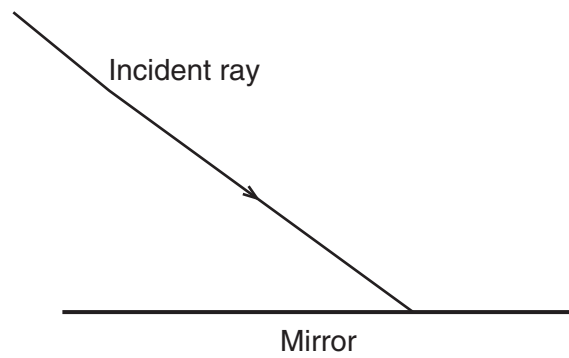
52

53

53

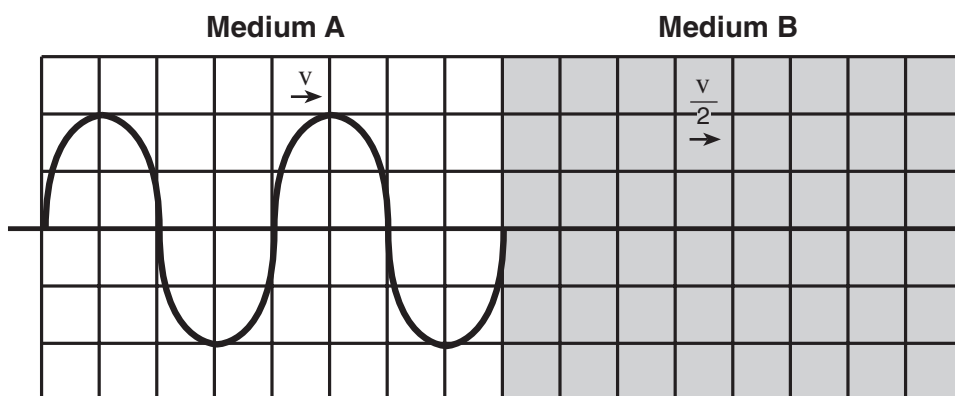
54

54



55

55



**For Raters
Only**

56

56

57

57

58 _____ **J**

58

**Total Score for
Part B-2**

Part C

**For Raters
Only**

59

59

60

60

61

61

62



62

63

$8.0 \times 10^{-19} \text{ C}$ \oplus

\oplus $4.8 \times 10^{-19} \text{ C}$

63

**For Raters
Only**

64

64

65

65

66 _____ **s**

66

For Raters
Only

67

67

68

68

69

69

70

70

71

e

71

72

72

Total Score for
Part C