Name: _____ Date: _____
SI Physics Kinematics Review #1 [15 pts]
Period: _____ Mrs. Nadworny

## Kinematics Review #1

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

Read p. 1 –9. On p. 9 answer questions #1 – 7 (odd)

1. _____ 3. _____ 5. _____

7. _____

Read p. 10 –15. On p. 15 answer questions #9 – 45 (odd)

9. _____ 11. _____ 13. _____

15. _____ 17. _____ 19. _____

21. _____ 23. _____ 25. _____

27. _____ 29. _____ 31. _____

33. _____ 35. _____ 37. _____

39. _____ 41. _____ 43. _____

45. _____

Read p. 199 –205. On p. 206 answer questions #1 – 7 (odd)

1. _____ 3. _____ 5. _____

7. _____

Name: _____ Date: _____
SI Physics Vectors & Projectiles #1 [5 pts]
Period: _____ Mrs. Nadworny

## Vectors & Projectiles Review #1

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

Read p. 38 - 41. On p. 41 answer questions #182 – 191.

182. _____ 183. _____ 184. _____

185. _____ 186. _____ 187. _____

188. _____ 189. _____ 190. _____

191. _____

On p. 44 answer questions #208 – 209.

208. _____ 209. _____

Name: _____ Date: _____
SI Physics Forces Review #1 [15 pts]
Period: _____ Mrs. Nadworny

## Forces Review #1

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

Read p. 18 –20. On p. 20 answer questions #47 – 63 (odd)

47. _____ 49. _____ 51. _____

53. _____ 55. _____ 57. _____

59. _____ 61. _____ 63. _____

Read p. 22 –25. On p. 26 answer questions #67 – 119 (odd)

67. _____ 69. _____ 71. _____

73. _____ 75. _____ 77. _____

79. _____ 81. _____ 83. _____

85. _____ 87. _____ 89. _____

91. _____ 93. _____ 95. _____

97. _____ 99. _____ 101. _____

103. _____ 105. _____ 107. _____

109. _____ 111. _____ 113. _____

115. _____ 117. _____ 119. _____

Read p. 30 –31. On p. 31 answer questions #127 – 149 (odd)

127. _____ 129. _____ 131. _____

133. _____ 135. _____ 137. _____

139. _____ 141. _____ 143. _____

145. _____ 147. _____ 149. _____

Name: _____ Date: _____
SI Physics Gravity, Circles Review #1 [10 pts]
Period: _____ Mrs. Nadworny

## Gravity and Circles Review #1

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

Read p. 23 –24. On p. 26 answer the following questions

72. _____ 84. _____ 91. _____

103. _____ 116. _____ 117. _____

Read p. 41. On p. 42 answer questions #193 – 215 (odd) [Skip 209]

193. _____ 195. _____ 197. _____

199. _____ 201. _____ 203. _____

205. _____ 207. _____

211. _____ 213. _____ 215. _____

Read p. 54 - 55. On p. 55 answer the following questions.

E5. _____ E8. _____ E9. _____

Name: _____ Date: _____
SI Physics Momentum Review #1 [15 pts]
Period: _____ Mrs. Nadworny

## Momentum Review #1

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

Read p. 33 –36. On p. 36 answer questions #151 – 181

151. _____ 152. _____ 153. _____

154. _____ 155. _____ 156. _____

157. _____ 158. _____ 159. _____

160. _____ 161. _____ 162. _____

163. _____ 164. _____ 165. _____

166. _____ 167. _____ 168. _____

169. _____ 170. _____ 171. _____

172. _____ 173. _____ 174. _____

175. _____ 176. _____ 177. _____

178. _____ 179. _____ 180. _____

181. _____

Name: _____ Date: _____
SI Physics Energy Review #1 [15 pts]
Period: _____ Mrs. Nadworny

## Energy Review #1

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

Read p. 57 –59. On p. 59 answer questions #1 – 23 (odd)

1. _____ 3. _____ 5. _____

7. _____ 9. _____ 11. _____

13. _____ 15. _____ 17. _____

19. _____ 21. _____ 23. _____

Read p. 60 –64. On p. 64 answer questions #25 – 47 (odd)

25. _____ 27. _____ 29. _____

31. _____ 33. _____ 35. _____

37. _____ 39. _____ 41. _____

43. _____ 45. _____ 47. _____

Read p. 66 –68. On p. 68 answer questions #49 – 79 (odd)

49. _____ 51. _____ 53. _____

55. _____ 57. _____ 59. _____

61. _____ 63. _____ 65. ___X___

67. _____ 69. _____ 71. _____

73. _____ 75. _____ 77. _____

79. _____

Name: _____ Date: _____
SI Physics Thermodynamics #1 [15 pts]
Period: _____ Mrs. Nadworny

## Thermodynamics #1

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

Read p. 78 - 79. On p. 79 answer the following questions.

E1. _____ E2. _____ E3. _____

E6. _____ E7. _____ E8. _____

E10. _____

1. A system has 600 joules of heat added to it while doing 200 joules of work. Calculate the change in internal energy of the system.

2. A sample of gas is at 35 $^{o}$C. Calculate the average kinetic energy of the gas.

3. A sample of gas in a closed container is at 210 K and has a pressure of 1.45 x $10^{5}$-Pa. It is then heated to 325 K. Calculate the new pressure of the gas.

4. A sample of a gas in a syringe of 0.085 $m^{3}$ has a temperature of 295 K and a pressure of 1.15 x $10^{5}$ Pa. Calculate the number of moles of gas in the syringe. .

Name: _____ Date: _____
SI Physics Electrostatics Review #1 [15 pts]
Period: _____ Mrs. Nadworny

## Electrostatics Review #1

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

Read p. 81 – 84. On p. 84 answer questions #1 – 43 (odd)

1. _____ 3. _____ 5. _____

7. _____ 9. _____ 11. _____

13. _____ 15. _____ 17. _____

19. _____ 21. _____ 23. _____

25. _____ 27. _____ 29. _____

31. _____ 33. _____ 35. _____

37. _____ 39. _____ 41. _____

43. _____

Read p. 89 – 92. On p. 92 answer questions #45 – 65 (odd)

45. _____ 47. _____ 49. _____

51. _____ 53. _____ 55. _____

57. _____ 59. _____ 61. _____

63. _____ 65. _____

Name: _____ Date: _____
SI Physics Circuits Review #1 [15 pts]
Period: _____ Mrs. Nadworny

## Circuits Review #1

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

Read p. 94 – 97. On p. 97 answer questions #67 – 99 (odd)

67. _____ 69. _____ 71. _____

73. _____ 75. _____ 77. _____

79. _____ 81. _____ 83. _____

85. _____ 87. _____ 89. _____

91. _____ 93. _____ 95. _____

97. _____ 99. _____

Read p. 99 – 103. On p. 103 answer questions #101 – 127 (odd)

101. _____ 103. _____ 105. _____

107. _____ 109. _____ 111. _____

113. _____ 115. _____ 117. _____

119. _____ 121. _____ 123. _____

125. _____ 127. _____

Name: _____ Date: _____
SI Physics Magnetism Review #1 [15 pts]
Period: _____ Mrs. Nadworny

## Magnetism Review #1

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

Read p. 106 – 108. On p. 108 answer questions #129 – 137 (odd)

129. _____ 131. _____ 133. _____

135. _____ 137. _____

Read p. 109 – 111. On p. 111 answer questions #139 – 145 (odd), skip 143

139. _____ 141. _____ 145. _____

Read p. 119 – 120. On p. 121 answer questions #E1 –E5.

E1. _____ E2. _____ E3. _____

E4. _____ E5. _____

Read p. 120 – 123. On p. 124 answer the following questions.

E20. _____ E21. _____ E22. _____

E23. _____ E27. _____ E28. _____

Read p. 128 – 132. On p. 132 answer questions #E55 –E73 (odd), skip E71

E55. _____ E57. _____ E59. _____

E61. _____ E63. _____ E65. _____

E67. _____ E69. _____ E73. _____

Name: _____ Date: _____
SI Physics Waves Review #1 [15 pts]
Period: _____ Mrs. Nadworny

## Waves Review #1

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

Read p. 136 – 139. On p. 139 answer questions #1 – 33 (odd)

1. _____ 3. _____ 5. _____
7. _____ 9. _____ 11. _____
13. _____ 15. _____ 17. _____
19. _____ 21. _____ 23. _____
25. _____ 27. _____ 29. _____
31. _____ 33. _____

Read p. 141 – 142. On p. 142 answer questions #35 – 45 (odd)

35. _____ 37. _____ 39. _____
41. _____ 43. _____ 45. _____

Read p. 143 – 145. On p. 145 answer questions #47 – 71 (odd)

47. _____ 49. _____ 51. _____
53. _____ 55. _____ 57. _____
59. _____ 61. _____ 63. _____
65. _____ 67. _____ 69. _____
71. _____

Read p. 147 – 149. On p. 149 answer questions #73 – 87 (odd)

73. _____ 75. _____ 77. _____
79. _____ 81. _____ 83. _____
85. _____ 87. _____

Name: _____ Date: _____
SI Physics Reflect Refract Review #1 [10 pts]
Period: _____ Mrs. Nadworny

## Reflection and Refraction Review #1

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

Read p. 150 –153. On p. 154 answer questions #89 – 107.

89. _____ 90. _____ 91. _____
92. _____ 93. _____ 94. _____
95. _____ 96. _____ 97. _____
98. _____ 99. _____ 100. _____
101. _____ 102. _____ 103. _____
104. _____ 105. _____ 106. _____
107. _____

Name: _____ Date: _____
SI Physics Optics Review #1 [15 pts]
Period: _____ Mrs. Nadworny

## Mirrors and Lenses Review #1

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

Read p. 162 – 163. On p. 163 answer questions #E1 –E8.

E1. _____ E2. _____ E3. _____

E4. _____ E5. _____ E6. _____

E7. _____ E8. _____

Read p. 164 – 170. On p. 170 answer questions #E9 –E41 (odd).

E9. _____ E11. _____ E13. _____

E15. _____ E17. _____ E19. _____

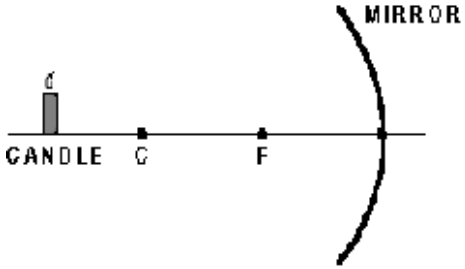
E21. _____ E23. _____ E25. _____

E27. _____ E29. _____ E31. _____

E33. _____ E35. _____ E37. _____

E39. _____ E41. _____

1. A candle is located beyond the center of curvature, C, of a concave spherical mirror having principal focus, F, as shown in the diagram below. Using a well-drawn ray diagram, find the image of the candle. [4 pts]




Name: _____ Date: _____
SI Physics Modern Review #1 [15 pts]
Period: _____ Mrs. Nadworny

## Modern Physics Review #1

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

Read p. 173 – 174. On p. 174 answer questions #1 – 11 (odd)

1. _____ 3. _____ 5. _____

7. _____ 9. _____ 11. _____

Read p. 175 – 179. On p. 179 answer questions #13 – 25 (odd)

13. _____ 15. _____ 17. _____

19. _____ 21. _____ 23. _____

25. _____

Read p. 180 – 182. On p. 182 answer questions #27 – 45 (odd)

27. _____ 29. _____ 31. _____

33. _____ 35. _____ 37. _____

39. _____ 41. ___X___ 43. _____

45. _____

Read p. 187 – 188. On p. 189 answer questions #E1 –E31 (odd).

E1. _____ E3. _____ E5. _____

E7. _____ E9. _____ E11. _____

E13. _____ E15. _____ E17. _____

E19. _____ E21. _____ E23. _____

E25. _____ E27. _____ E29. _____

E31. _____

Name: _____ Date: _____

SI Physics Kinematics Review #2 [20 pts]

Period: _____ Mrs. Nadworny

# Kinematics Review #2

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

On p. 45 answer the following questions.

2. _____ 3. _____ 5. _____

9. _____ 22. _____ 25. _____

26. _____ 27. _____ 28. _____

29. _____

38. [1 pt] _____ _____

54. [2 pts]

55. [1 pt] _____

62. [2 pts]

64. [1 pt] _____ 65. [1 pt] _____

81. [4 pts]

98. [2 pts]

99. [1 pt] _____

Continued on back

Name: _____ Date: _____

SI Physics Vectors & Projectiles #2 [20 pts]

Period: _____ Mrs. Nadworny

## Vectors & Projectiles Review #2

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

On p. 45 answer the following questions.

1. _____ 21. _____ 34. _____

35. [2 pts]

39. [1 pt] _____

40. [1 pt] _____ 41. [1 pt] _____

42. [1 pt]

63. [2 pts]

86. [1 pt]

87. [1 pt] _____

Continued on back

88. [1 pt]

93. [1 pt]

94. [2 pts]

95. [2 pts]

Name: _____ Date: _____

SI Physics Forces Review #2 [25 pts]

Period: _____ Mrs. Nadworny

## Forces Review #2

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

On p. 46 answer the following questions.

8. _____ 10. _____ 13. _____

14. _____ 17. _____ 18. _____

19. _____ 23. _____ 24. _____

36. [2 pts]

37. [1 pt] _____

46. [2 pts]

48. [2 pts]

66. [1 pt] _____

67 and 68. [3 pts] Use a scale of $2.0 \times 10^{-15}$ N

69. [1 pt] _____ 70. [1 pt] _____

Continued on back

89. [4 pts]

90. [2 pts]

91. [1 pt]

92. [2 pts]

Name: _____ Date: _____

SI Physics Gravity, Circles Review #2 [25 pts]

Period: _____ Mrs. Nadworny

## Gravity and Circles Review #2

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

On p. 45 answer the following questions.

4. _____ 6. _____ 11. _____

12. _____ 15. _____ 20. _____

30. _____ 31. _____ 32. _____

33. _____

51. [2 pts]

52. [1 pt] _____

53. [1 pt]

56. [2 pts]

57. [2 pts]

58. [1 pt]

Continued on back

59. [2 pts]

82. [1 pt]

83. [1 pt]

84. [3 pts]

85. [1 pt]

101. [2 pts]

102. [1 pt] _____

Name: _____ Date: _____

SI Physics Momentum Review #2 [15 pts]

Period: _____ Mrs. Nadworny

## Momentum Review #2

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

On p. 46 answer the following questions.

7. _____ 16. _____

49. [1 pt]

60. [2 pts]

61. [1 pt] _____

Answer the following questions.

1. Calculate the magnitude of the impulse applied to a 0.75 kilogram cart to change its velocity from 0.50 meters per second east to 2.00 meters per second east. [2 pts]

2. A 3.1 kilogram gun initially at rest is free to move. When a 0.015 kilogram bullet leaves the gun with a speed of 500 meters per second, what is the speed of the gun? [2 pts]

Continued on back

3. A 1200 kilogram car moving at 12 meters per second collides with a 2300 kilogram car that is waiting at rest at a traffic light. After the collision, the cars lock together and slide. Eventually the combined cars are brought to rest by a force of kinetic friction as the rubber tries slide across the dry, level asphalt road surface. Calculate the speed of the locked together cars immediately after the collision. [2 pts]

4. A student pushes a red car, with a mass of 0.355 kg along the track with a velocity of 0.095 m/s right. It collides with the blue car, which has a mass of 0.710 kg and was also moving right with a speed of 0.045 m/s. After the collision, the red car continues in the same direction at 0.035 m/s. Calculate the speed of the blue car after the collision. [2 pts]

5. A 2.0 kilogram cart moving due east at 6.0 meters per second collides with a 3.0 kilogram cart moving due west. The carts stick together and come to rest after the collision. What was the initial speed of the 3.0 kilogram cart? [2 pts]

Name: _____ Date: _____

SI Physics Energy Review #2 [30 pts]

Period: _____ Mrs. Nadworny

## Energy Review #2

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

On p. 72 answer the following questions

1. _____ 2. _____ 3. _____

7. _____ 9. _____ 10. _____

11. _____ 13. _____ 15. _____

16. _____ 17. _____ 18. _____

20. _____ 23. _____ 24. _____

27. _____ 28. _____ 30. _____

31. _____ 32. _____ 33. _____

36. [1 pt] _____ 38. [1 pt] _____

37. [2 pts]

39. [1 pt]

40. [1 pt]

41. [2 pts]

Continued on back

49. [2 pts]

50. [2 pts]

51. [1 pt] _____

52. [2 pts]

53. [2 pts]

54. [1 pt] _____

58. [1 pt] _____

59. [2 pts]

60. [2 pts]

61. [2 pts]

65. [1 pt] _____

Name: _____ Date: _____
Honors Physics Thermodynamics Review #2 [10 pts]
Period: _____ Mrs. Nadworny

## Thermodynamics Review #2

**Directions** – Answer the following questions.

1. Equal masses of aluminum and copper, both at $0^{o}C$, are placed in the same insulated can of hot water. Which statement describes this system at equilibrium (the net exchange of internal energy is zero)?

   (A) The aluminum has a higher temperature than the copper and water.
   (B) The aluminum, copper and water have the same temperature.
   (C) The copper has a higher temperature than the aluminum and water.
   (D) The water has a higher temperature than the aluminum and copper.

2. In a certain process, 400 joules of heat are added to a system and the system simultaneously does 100 joules of work. The change in internal energy of the system is

   (A) 500 J (B) 300 J (C) 400 J (D) 100 J

3. If the volume of a gas is decreased while temperature is constant, which will occur?

   (A) The average kinetic energy of the molecules of the gas will increase.
   (B) The average kinetic energy of the molecules of the gas will decrease.
   (C) The mass of the gas will decrease
   (D) The pressure of the gas will increase
   (E) The pressure of the gas will decrease.

4. A sample of gas in a piston with a moveable lid is kept at a constant pressure of $1.90 \times 10^{5}$ Pa. It starts at a temperature of 450 K and a volume of 0.35 $m^3$. It is then cooled and the volume decreases to 0. 25 $m^3$. Calculate the new temperature of the gas.

5. A sample of gas has a temperature of 45 $^{o}C$. Calculate the average kinetic energy of the sample.

6. A sample of gas contains 7.5 moles of gas at 273 Kelvin and $1.0 \times 10^{5}$ Pa. Calculate the volume of the sample.

Name: _____ Date: _____
SI Physics Electrostatics Review #2 [15 pts]
Period: _____ Mrs. Nadworny

## Electrostatics Review #2

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

On p. 113 answer the following questions.

1. _____ 2. _____ 3. _____

4. _____

39. [1 pt] _____

47. [2 pts]

48. [2 pts]

49. [1 pt] _____

50. [2 pts]

51. [1 pt]

52. [1 pt]

66. [2 pts]

Name: _____ Date: _____
SI Physics Circuits Review #2 [30 pts]
Period: _____ Mrs. Nadworny

## Circuits Review #2

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

On p. 113 answer the following questions.

5. _____ 6. _____ 7. _____

8. _____ 10. _____ 11. _____

12. _____ 15. _____ 17. _____

18. _____ 19. _____ 20. _____

21. _____ 22. _____ 23. _____

24. _____ 25. _____ 26. _____

27. [1 pt]

28. [1 pt] _____

42 and 43. [2 pts]

44. [1 pt] _____

45. [2 pts]

46. [1 pt] _____

Continued on next page

60. [2 pts]

61. [2 pts]

64. [2 pts]

65. [2 pts]

67. [2 pts]

68. [1 pt] _____

69. [2 pts]

70. [1 pt] _____

71. [1 pt] _____

Name: _____ Date: _____

SI Physics Magnetism Review #2 [15 pts]

Period: _____ Mrs. Nadworny

## Magnetism Review #2

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

Read p. 106 – 108. On p. 108 answer questions #130 – 134 (even)

130. _____ 132. _____ 134. _____

Read p. 109 – 111. On p. 111 answer questions #138 – 142 (even)

138. _____ 140. _____ 142. _____

Read p. 119 – 120. On p. 120 answer questions #E16 – E19.

E16. _____ E17. _____ E18. _____

E19. _____

Read p. 128 – 132. On p. 132 answer questions #E54 –E74 (even)

E54. _____ E56. _____ E58. _____

E60. _____ E62. _____ E64. _____

E66. _____ E68. _____ E70. _____

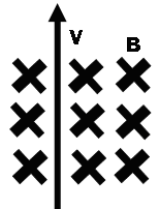
E72. _____ E74. _____

1. A potential difference of 12 volts is induced across a 0.20 meter long straight wire as it is moved at a constant speed of 3.0 meters per second perpendicular to a uniform magnetic field. Calculate the strength of the magnetic field. [2 pts]

Continued on back

2. A positively charged particle traveling at $7.5 \times 10^{5}$ meters per second enters a uniform magnetic field perpendicular to the lines of force. While in the $4.0 \times 10^{-2}$ tesla magnetic field, a net force of $9.6 \times 10^{-15}$ newton acts on the particle. What is the magnitude of the charge on the particle? [2 pts]

3. A 1.25 meter long wire, which has 250 miliamperes of electron flow running through it, is moving at right angles to 9.31 Tesla magnetic field. Calculate the force acting on the wire. [2 pts]



Name: _____ Date: _____

SI Physics Waves Review #2 [20 pts]

Period: _____ Mrs. Nadworny

## Waves Review #2

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

On p. 156 answer the following questions.

1. _____ 2. _____ 3. _____

4. _____ 5. _____ 6. _____

7. _____ 8. _____ 9. _____

12. _____ 13. _____ 15. _____

16. [1 pt]

29. [2 pts]

32. [1 pt]

34. [1 pt] _____

35. [2 pts]

36. [1 pt] _____

38. [1 pt] _____

Continued on back

43. [2 pts]

46. [1 pt] _____ _____

47. [1 pt]

48. [1 pt]

49. [2 pts]

58. [1 pt] _____

59. [1 pt]

Name: _____ Date: _____
SI Physics Reflect Refract Review #2 [25 pts]
Period: _____ Mrs. Nadworny

## Reflection and Refraction Review #2

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

Read p. 150 –153. On p. 154 answer the following questions.

10. _____ 11. _____ 14. _____

20. [1 pt] _____

21. [1 pt]

25. [1 pt] _____

26. [2 pts]

27. [1 pt]

28. [1 pt] _____

30. [1 pt]

31. [1 pt] _____

Continued on back

33. [2 pts]

40. [2 pts]

41. [1 pt]

42. [1 pt] _____

56. [2 pts]

57. [2 pts]

60. [1 pt] _____ _____

61. [2 pts]

62. [1 pt]

Name: _____ Date: _____

SI Physics Optics Review #2 [15 pts]

Period: _____ Mrs. Nadworny

## Mirrors and Lenses Review #2

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

Read p. 164 – 170. On p. 170 answer questions #E10 –E42 (even).

E10. _____ E12. _____ E14. _____

E16. _____ E18. _____ E20. _____

E22. _____ E24. _____ E26. _____

E28. _____ E30. _____ E32. _____

E34. _____ E36. _____ E38. _____

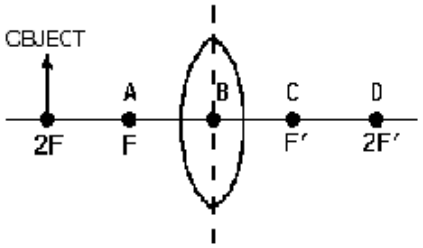
E40. _____ E42. _____

Read the following information and answer the questions that follow.

2. A crown glass converging lens has a focal length of 0.10 meter. A 0.070 meter high object is placed 0.30 meter from the lens.
   a. Calculate how far from the lens the image will be formed. [2 pts]

   b. Calculate how tall the image will be. [2 pts]

3. The diagram below represents an object placed two focal lengths from a converging lens. Using a well-drawn ray diagram, find the image of the arrow. [4 pts]



Name: _____ Date: _____

SI Physics Modern Review #2 [30 pts]

Period: _____ Mrs. Nadworny

## Modern Physics Review #2

**Directions** – Read the following pages and answer the questions specified. Write the number of your selected answer.

On p. 184 answer the following questions

1. _____ 2. _____ 3. _____

4. _____ 5. _____ 6. _____

7. _____ 8. _____ 9. _____

10. [1 pt] _____

11. [2 pts]

12. [1 pt] _____

13. [1 pt] _____

14. [1 pt] _____

15. [2 pts]

17. [2 pts]

18. [1 pt] _____

Continued on back

19. [1 pt] _____

20. [1 pt] _____

21. [1 pt] _____

22. [2 pts]

25. [2 pts]

26. [1 pt] _____

31. [2 pts]

32. [1 pt] _____

33. [1 pt]

38. [2 pts]

39. [2 pts]